



Missouri S&T Magazine, June 1978

Miner Alumni Association

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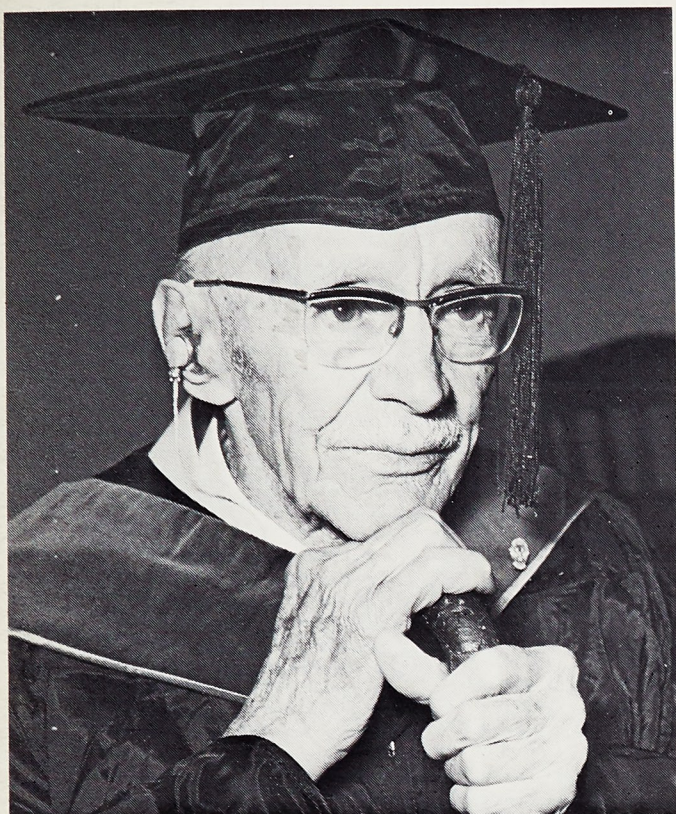
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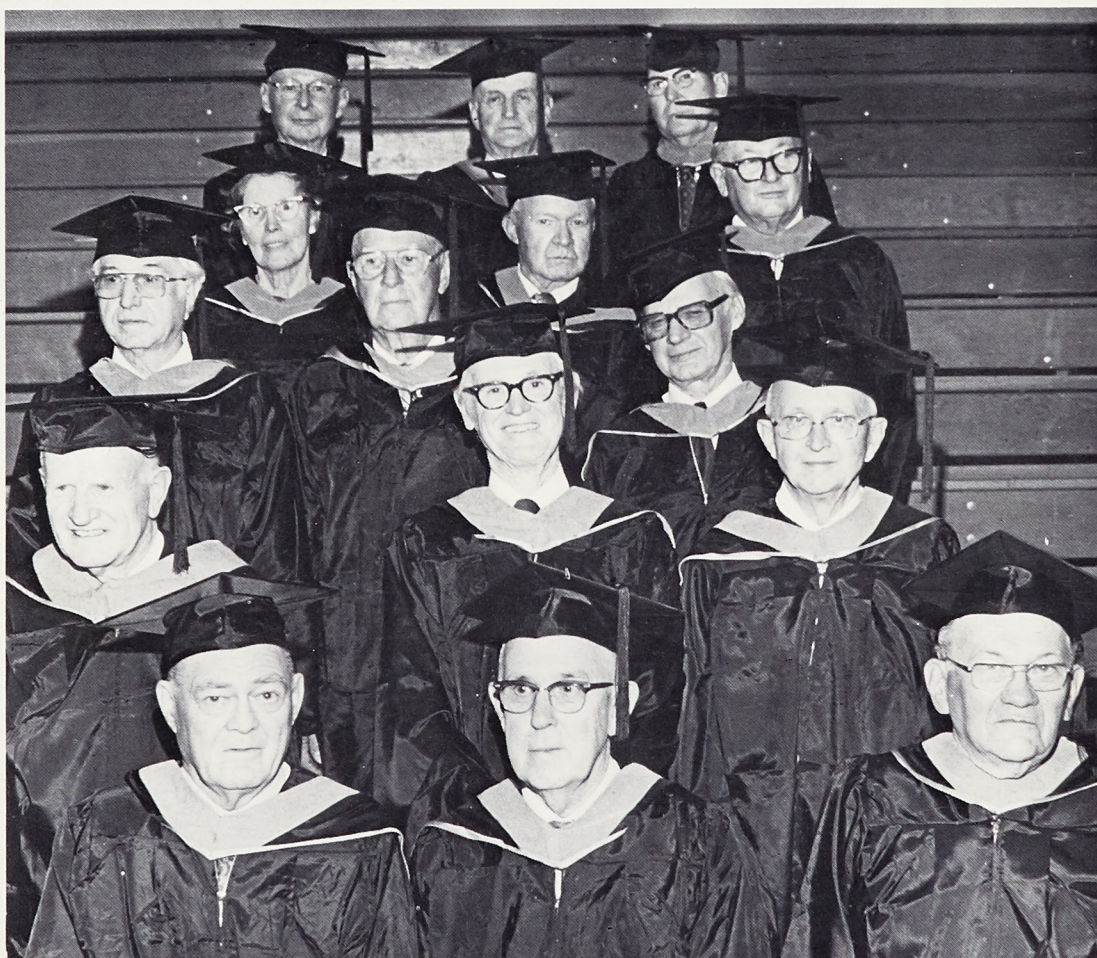


Alumnus

University of Missouri-Rolla
June 1978



75-Year Alumnus



50-Year Alumni

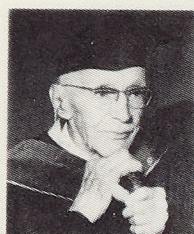


Alumnus

MSM-UMR Alumni Association
University of Missouri-Rolla
Rolla, Missouri

Volume 52
Number 3
June 1978

On The Cover...



75 Year Alumnus



40 Year Alumnus

Fifty year alumni from the Class of 1928, and Fred Hauenstein, seventy-five year alumnus, Class of 1903. (Charles W. Ambler, Jr., a member of the Class of 1928, is not pictured. His dog, who had traveled with him from Florida, was giving birth to pups at a Rolla area animal clinic, and Chuck wanted to be close by.

Issued bi-monthly in the interest of the graduates and former students of the Missouri School of Mines and Metallurgy and the University of Missouri-Rolla. Entered as second class matter October 27, 1926, at Post Office at Rolla, Missouri 65401, under the Act of March 3, 1897.

MSM-UMR Alumni Association

Telephone (314) 341-4171; (314) 341-4172

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James S. Taylor	Assistant Director, Alumni Activities, University of Missouri-Rolla	
Barbara Petrovic	Staff Assistant, MSM-UMR Alumni Association and Senior Secretary, Alumni Activities, University of Missouri-Rolla	

MSM-UMR Alumni Association, Harris Hall, UMR, Rolla, MO 65401

It Started Friday...

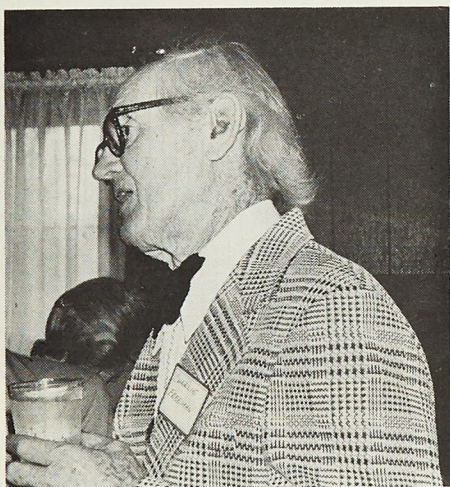
at Lois and Tommy Thomas'



Ted Machin, '22, Nashville, IL; Tommy Thomas, '28, Rolla, MO; Phariss Bradford, '28, Buffalo, NY; Ted Herman, '28, Ontario, CA.



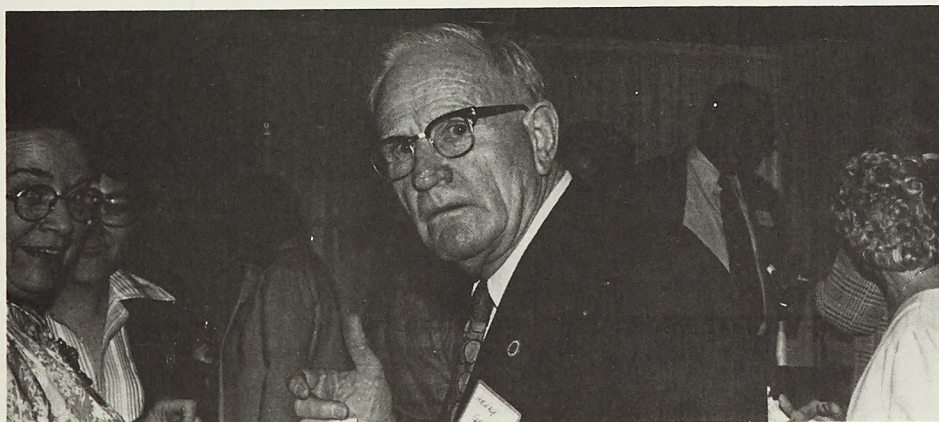
Phil Boyer, "lookin' good."



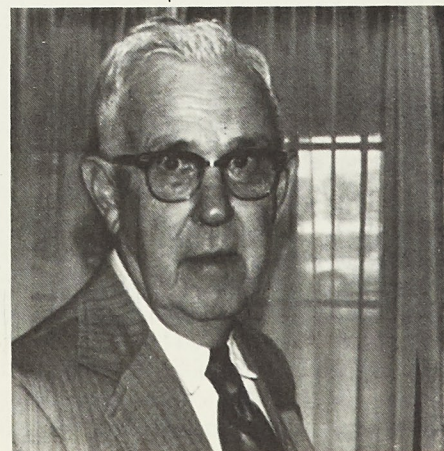
Charlie Freeman entertained us all.



Tommy Thomas, '28, Rolla; Bill Schweickhardt, '28, St. Louis; Phil Boyer, '28, Encinitas, CA.



Margrete Gross, Barb Petrovic, and Red Gross enjoying the party. And there's Rex Williams back by the window.



Jerry Donaldson had a good time.

and continued...



George Johnson caught looking at the camera. His son Paul and wife Mary Ann and Betty Machin get acquainted.

A severe weather watch alternating with tornado warnings and followed with tornado sightings was not enough to keep returning fifty year alumni from their rounds. From both coasts, traveling by plane and car and a R/V they converged upon Rolla for Commencement weekend. Urged by letters from classmates, invitations from the Chancellor and hints from the alumni office and especially by an invitation from classmate Tommy Thomas and his wife, Lois, to an early-arrival get acquainted again cocktail party, sixteen members of the Class of 1928 made the trek. This was MSM-UMR's 105th Commencement.

On Friday, alumni, spouses, family and friends started checking in and those using the headquarters motel, Zeno's, were met by the Association's Chairman for Commencement Gabe Skitek and Edith for a personal briefing on the activities. First order of business was unofficial, as guests were directed to the lovely country home of the Thomas' where a bountiful board was spread. Pre-prandial libations sharpened the eye and recognition came quickly. Mixed with alumni were friends of the host and hostess who had long associations with the community of Rolla. If there was a lament, it was that not all the returnees were able to make the "kickoff". Their chance would come on the morrow.



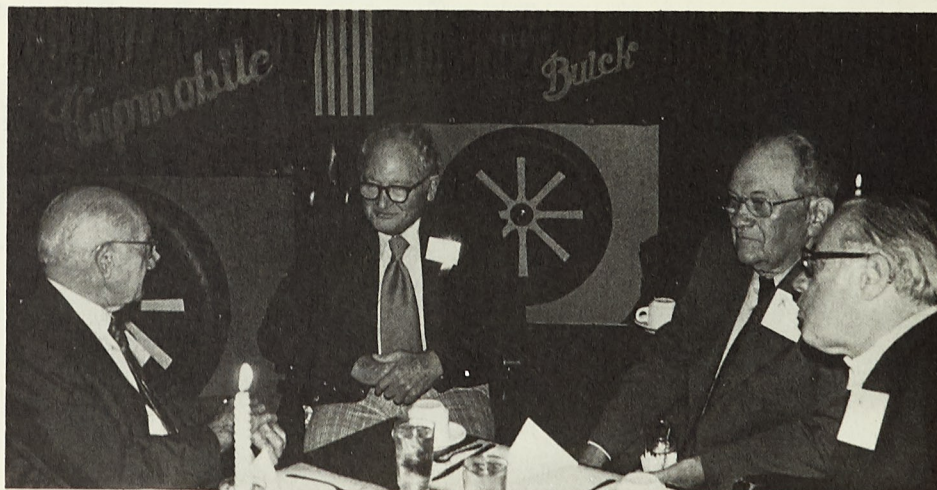
Phil Boyer, Red Gross, Twidge Thomas, Bill Schweickhardt, Gerald Roberts, Margrete Gross, and Barb Petrovic.



Bill Machin and George Johnson, Jr., share a smile. That's Colonel Ted Machin over George's shoulder.

Into Saturday At the Pub Mobile

At 11:00 a.m. on Saturday the sun was over the yardarm at the Pub Mobile, site of the Class Luncheon. Conversation filled the time as late travelers arrived. Joining the Class were special guests, alumnus Fred Hauenstein and his party, President of the Association Dick and Shirley Bauer, President-Elect Joe and Margaret Mooney, Secretary Bob and Dottie Wolf and Interim Chancellor Jim and Marilyn Pogue. A special treat for alumni was the presence of Prof. Lovett and Alma. The three EE's in the honor class were heard trying to convince Prof to retroactively re-arrange their grade-points.



Rael Lovett, Gerald Roberts, Dan Crumbaugh, and Joe Mooney at the Pub.

More Pub...



Left to Right: Gerald Roberts, Frank Mackaman, Red Gross, Jerry Donaldson and Maggie Lloyd.



Howard Histed and Phil Boyer tell Harriett Histed how it was.



Nancy Mackaman, far left, and Bill Schweickhardt, far right, just can't believe the discussion going on between Frank Mackaman and Howard Histed. Even Phil Boyer looks hard to convince.



Red Gross, center, and Ducky Moreland, right, compare notes while the ladies listen.

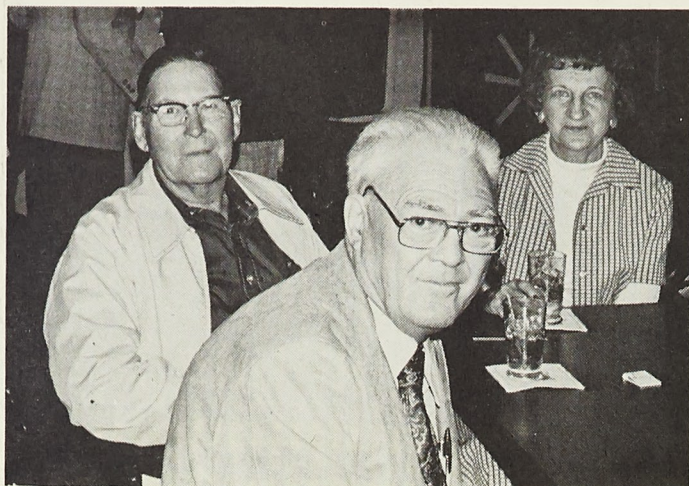


Fred Hauenstein, Betty and Charlie Freeman, and Frances Hauenstein share experiences. So do Jim Pogue and Audrey Herman in the background.

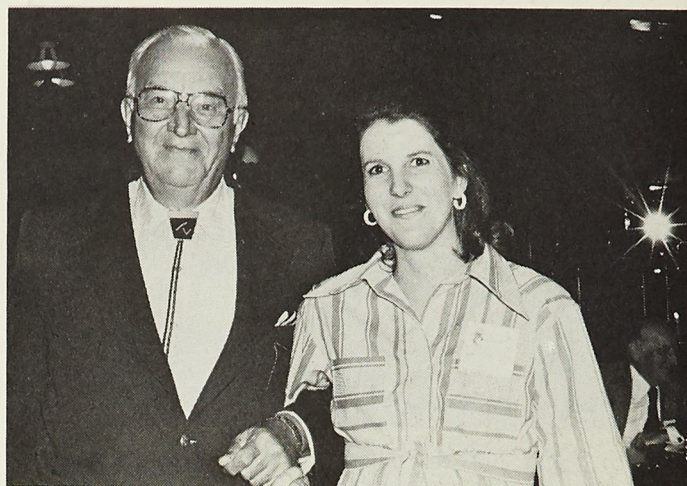


The Machins, Betty, Bill, Ted and Julia, share an eye-opener with Wayne and Helen Frame.

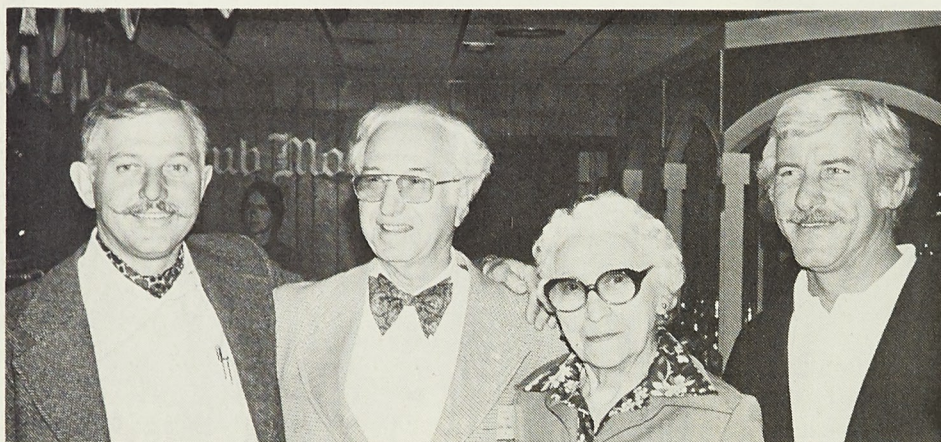
And more Pub...



Burl Slates with Al and Mildred Hill.



Walter Remmers and Linda Taylor celebrated a mutual birthday.

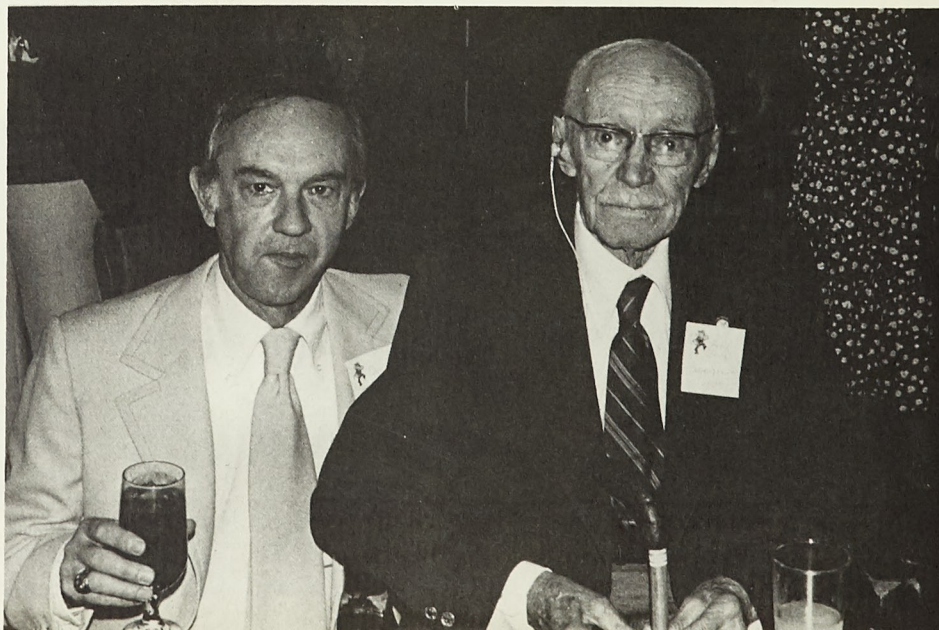


George, Jr., George, Sr., Mary Ann, and Paul Johnson.

In the afternoon, the Class was treated to a self-guided tour of the Carney Auto Museum Autos of Yester Year located in the same building. More than once, comments were heard regarding certain vintage automobiles and their particular structures, none of such observations, unfortunately, can be repeated here. Other members of the class also visited the MSM-UMR campus to view and enter buildings some of them had only heard and read about, and, of course, to re-visit landmarks such as Parker Hall and Norwood Hall that had stayed fresh in memory over the years.



Dan Crumbaugh



Dick Bauer & Fred Hauenstein--See a family resemblance?

Saturday Night Fever

at the University Center



Graduates from 1928 and 1903 were honored at an Alumni Association Banquet, May 13, in the University Center-East. Recipients of professional and honorary degrees to be awarded at Commencement exercises were also recognized at the banquet. The reception began at 5:30 p.m. in the Miner Lounge and dinner was served at 6:15 p.m. in Centennial Hall.

By Saturday night, the group was feeling at home once again, just in time for the Banquet in their honor. Joe Mooney, president-elect of the MSM-UMR Alumni Association, presided, beginning by introducing the head table consisting of Interim Chancellor Jim Pogue and his wife, Marilyn; Margaret Mooney; Frank and Nancy Mackaman; and Dottye and Bob Wolf, who delivered the invocation. The setting for the celebration was Centennial Hall in the University Center, which was filled to near capacity with special seating for the Class of 1928, their families, the 21 members of the Fred Hauenstein entourage, and the various deans and chairmen of MSM-UMR who introduced their honorary and professional degree recipients.

With such a gathering of experienced and goodwilled people, the air was filled with light-hearted and nostalgic conversation recalling good old "MSM", exchanging stories of past professors, and in fact, meeting one of them, "Doc" Schrenk, who was present for the festivities, and getting to know the "new" professors.

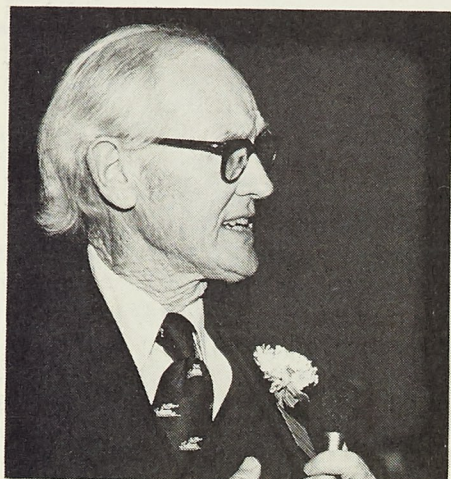


Joe Money, '39, President-Elect of the MSM-UMR Alumni Association.



Fred Hauenstein with his father and bookkeeper, Frederick Hauenstein, '03, and a cousin.

The Honored Guests



CHARLES A. FREEMAN

After the meal, there was a brief pause, the lights were dimmed (after several attempts) and Frank Mackaman began his now famous slide-show, tracing a highly suspicious history of the Class of '28 and their motives for coming to MSM.

After early scenes of Rolla and the MSM campus, individual class pictures were shown of the fifty year graduates appearing as they did in 1928. Jim Taylor carried an extension microphone and as Frank showed each class member picture, he called upon them to say a few words. Comments ranged from an unprintable, though harmless joke, by Charlie Freeman, to a touching, emotional response by Howard Moreland. He said, "It just kind of gets you, it's just wonderful to be back here."



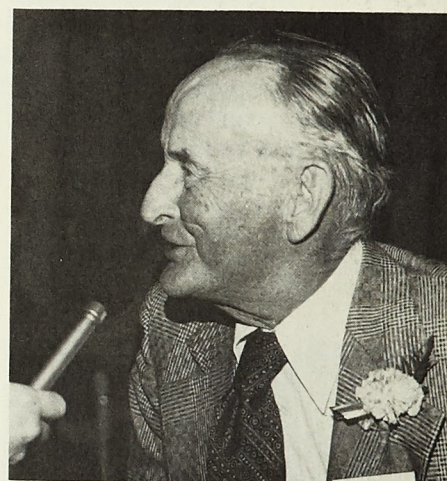
HOWARD B. MORELAND



GERALD A. ROBERTS



THEODORE HERMAN



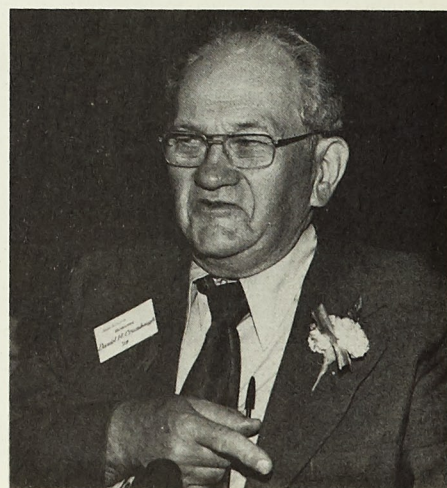
WILLIAM B. MACHIN



HENRY E. GROSS



WILLIAM K. SCHWEICKHARDT



DANIEL H. CRUMBAUGH

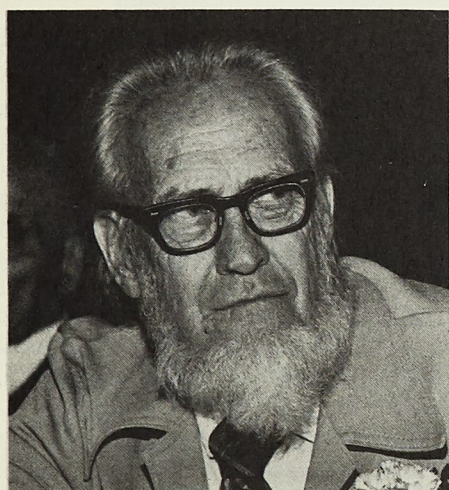
More of the Guests



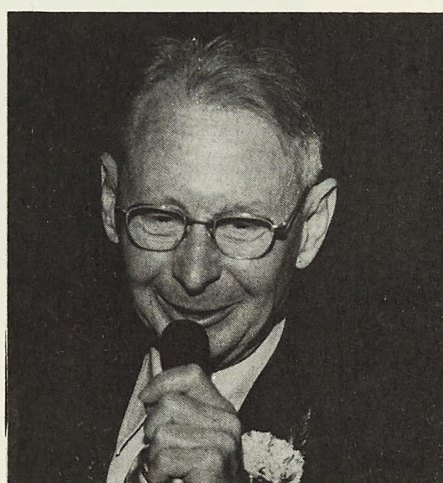
GEORGE C. JOHNSON



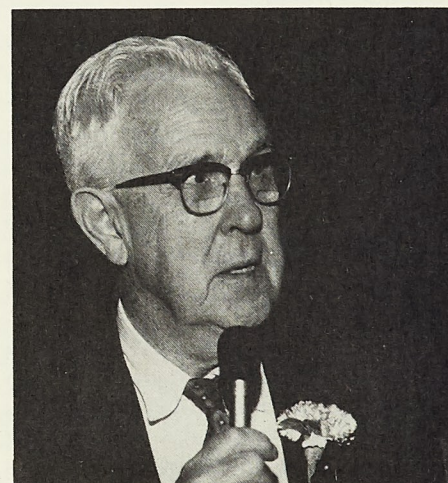
PHARISS C. BRADFORD



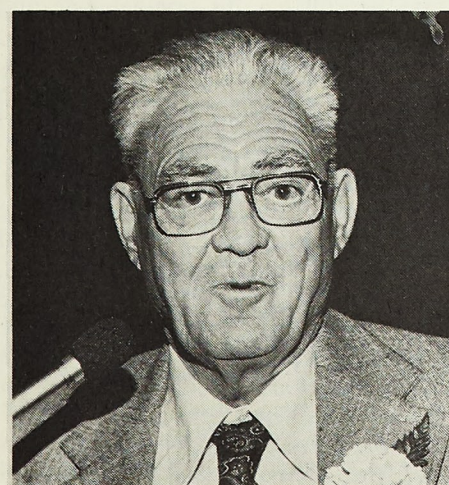
CHARLES W. AMBLER, JR.



HOWARD HISTED



JAMES C. DONALDSON



BURL Y. SLATES

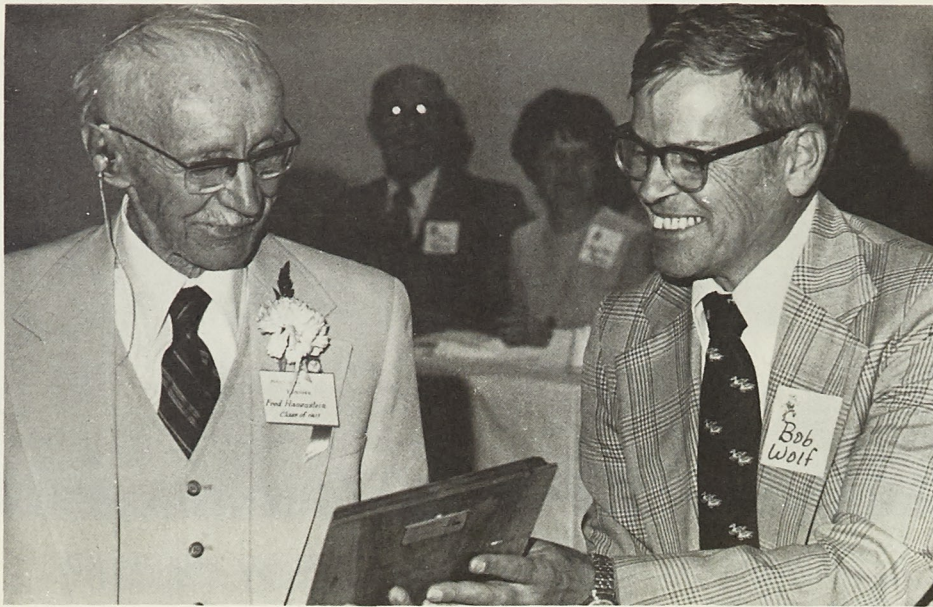


ALBERT L. HILL



PHILIP BOYER

A Special Guest...



Bob Wolf (right) presents Fred Hauenstein with an unprecedented 75-year Diamond Miner Award.

The slide show concluded with a photograph of Fred Hauenstein with the class of 1903 and an individual picture of Hauenstein taken at that time. As he stood before the audience and received what was to be the first of two standing ovations over the next two days, Bob Wolf presented him with an unprecedented 75-year Diamond Miner Award.

After greetings and closing remarks by Interim Chancellor Pogue, the '28er's repaired to their chambers at Zeno's, where it was rumoured a second "banquet" was soon underway.

Sunday morning found the ir-repressable throng being greeted once again by Jim Pogue and his wife, Marilyn at the Chancellor's Residence for a pre-brunch eye opener. Shortly afterwards, the group adjourned to the University Center Dining Hall for a thoroughly nourishing brunch-breakfast with some leisure time for relaxing over coffee, and browsing in the Mark Twain Room to take in the newly hung tapestry commissioned in memory of F. Stillman Elfred, a member of the class of 1917.

By 1:30 that afternoon everyone had gathered at the Bullman Multi-Purpose Building and had been robed in their caps, gowns, and hoods. With only a little delay, the day clear, windy, but not too hot, the Class of 1928 entered the procession to take their place down

front, and the rest is now part of a special memory preserved in the minds and hearts of those very "young" fifty year graduates fortunate enough to have participated in the ongoing history of MSM-UMR. All who have had the pleasure of meeting them and corresponding with those unable to attend, also shared in their good fortune and have been enriched by their presence and accomplishments.

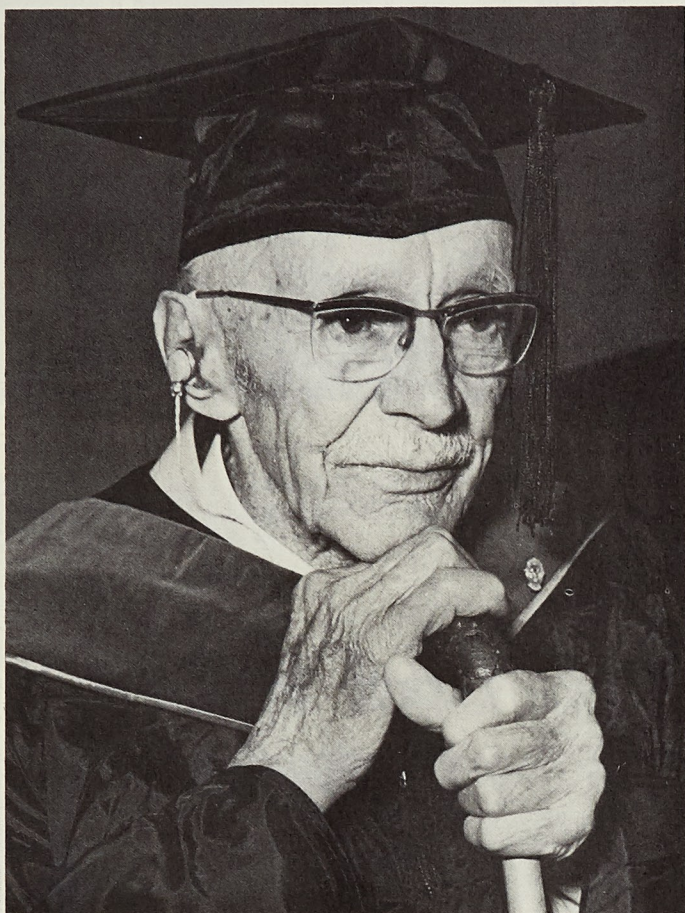
The honored alumni from the Class of 1928 were: Charles W. Ambler, Jr., Wachula, Florida, and since retirement has been consulting on corrosion when not farming and seeing to his orange grove; Philip J. Boyer, Encinitas, California, now active in keeping up his avocado and citrus grove, playing golf and sailing in San Diego Bay; Phariss Bradford, travels a lot, keeps house, and when in Buffalo, New York, stays busy shoveling snow; Daniel Crumbaugh, Valparaiso, Indiana, has traveled 49 of the 50 states and has been in at least one country in the six continents of the world; James (Jerry) Donaldson, Rolla, Missouri, in now doing a lot of reading and some traveling; Charlie Freeman, Hillsborough, California, is a class coordinator for 1928 and chairman of the board, Colorado Refractories Co., Canon City, Colorado; Henry (Red) Gross, Webster Groves, Missouri, is traveling and looking after his home; Ted Herman, Ontario, California, is



Jim Pogue

playing lots of golf and bridge between being the owner-manager of Commercial Properties and traveling through the orient and other distant points around the world; Albert Hill, Overland Park, Kansas, is active farming and playing golf and bridge; Howard Histed, San Francisco, California, when not doing volunteer work for the California Historical Society, goes ice skating, travels and keeps up with his musical studies; George C. Johnson, Concord, California, stays active in Lodge work, Scottish Rite Masonry and Shrine, youth organizations and civic clubs; William Machin, Rockport, Indiana, is over-seeing the operation of his farms; Howard Moreland, Denver, Colorado, says he still has his original wife and stays active by doing a little traveling; Gerald Roberts, El Dorado, Arkansas, has been managing a travel-lecture series, working with hunting dogs and 35-mm photography; William K. Schweickhardt, Kirkwood, Missouri, has been traveling and producing travelogues and has recently developed a hobby of picture framing; Burl Slates, Kansas City, Missouri, was with the U.S. Corps of Engineers since he graduated, retiring in 1962, is on a dialysis machine, but, like a champ, attended Commencement and had a ball. He is involved in community services and the Metro Regional Council of Senior Citizens.

Fred Hauenstein



FRED HAUSTEIN, '03

A very special guest of honor for the occasion was Fred Hauenstein, 1842 21st St., Kingsburg, Calif. Hauenstein, 98, is a member of the Class of 1903. This is the first time a 75-year honor graduate has attended UMR graduation ceremonies. He received his degree in mining engineering.

Frederick Hauenstein was born February 17, 1880, in Tuscomb, Mo. There he received primary schooling and secondary education in Spring Garden. He graduated from Westminster College in Fulton, Mo., in 1900 in a class of 8, whereupon, the following year, he returned to Westminster as a teaching assistant to the physics and chemistry professor and became the first candidate for a Master's degree at that college which he received in 1901.

He then entered MSM and graduated in 1903 with a mining degree in a class of 14. After graduation he went west and worked in various areas of Mexico,

Arizona, and Nevada, surveying railroads and mining camps.

In 1913, he married Mary Kouns, oldest daughter of Dr. Douglas Kouns of Tuscomb. Miss Kouns attended William Woods in 1904 and 1905. From their marriage one son was born, Frederick William Hauenstein.

In 1917, the elder Hauenstein received a degree in civil engineering from MSM, and in 1921 he became a charter member of the MSM Chapter of Phi Kappa Phi Honor Society.

He moved to Eneter, California in 1921 where he was active as a grape rancher and packing house owner, and for years was financial secretary and trustee for the Eneter First Presbyterian Church and served as clerk of the Eneter elementary school board of trustees. He is also a 70-year member of the Masonic Lodge Scottish Rite.

In 1941 he sold all his business interests and retired. But in 1956, he decided it was time for a new career and

moved to Kingsburg, California to act as bookkeeper for his son's business at Fred's Truck Fuels. He is still working six days a week doing the ledgers, the billing and monitoring the scales. Incidentally, he rides to and from work on a special three wheel bicycle that he constructed.

"Dad's always been the first in town to buy anything new."

Mrs. Hauenstein was 90 in May. She is physically slow but alert. Mr. Hauenstein does the shopping and cooking, using a microwave oven. In fact, there is not much that has escaped his attention these days as evidenced by the fact that he prefers to sleep on a water bed.

"Dad's always been the first in town to try anything new," said his son, Frederick Hauenstein, the younger, his wife, Francis, grandchildren, cousins, nephews, and other relatives, 21 in all, helped to celebrate the occasion by gathering in Rolla for their family reunion. Earlier in the week, Mr. Hauenstein had been honored at Westminster College as their oldest living graduate.

Francis Hauenstein added: "He keeps up on all the new magazines and always knows what's going on before anyone else. He had the first electronic calculator I ever saw and recently tried out a new drug from West Germany before it had been approved by the government here."

Francis believes that part of Mr. Hauenstein's secret of longevity is his home-made three-wheel bicycle that he rides to work.

"I didn't get married until I was 33. I was hard to hold down."

Fred Hauenstein

"It's just a mile from his house to the truck stop," she explained, "and by the time he gets to work he's wide awake, full of energy, ready to go."

Reflecting on his earlier life during an interview before Sunday's Commencement, Mr. Hauenstein said: "I didn't get married till I was 33. I was hard to hold down. I wanted to see the world and get to know different things before I settled down."

When asked what he would advise for the class graduating on Sunday, he said, "Get a good job and stay with it. Get a good start. But don't be afraid to change when you see the right opportunity."

When Hauenstein was introduced from the platform at Sunday's Commencement, he received a standing ovation from the thousands in the audience. It was a thrilling moment, one that all who were there realized was a once in a lifetime experience.

Editors Note: It was discovered during Commencement weekend, that Association President, Dick Bauer, who presented Fred Hauenstein with the 75-year alumnus Diamond Pin, was related to Hauenstein in this way: Mary Kouns (Mrs. Hauenstein) is Bauer's mother's cousin, Julia Kouns (Mrs. Bauer).



Frances Hauenstein, Dick Bauer, Fred Hauenstein, Fred Hauenstein, the son, and the Hauenstein family at the 105th MSM-UMR Commencement.

Fifty Year Alumni and Families



Row 1: left to right, Arthur Bradford, Phariss Bradford, Jerry Donaldson, Blanche Donaldson, Henry Gross, Margrete Gross, Hazel Schweickhardt, Bill Schweickhardt.

Row 2: Howard Moreland, Marjorie Moreland, Harriett Histed, Howard Histed, Mildred Hill, Al Hill, Betty Machin, Bill Machin, Dan Crumbaugh.

row 3: Gerald Roberts, Leona Roberts, Phil Boyer, Audrey Herman, Ted Herman, Betty Freeman, Charlie Freeman.

Row 4: Mary Ann Johnson, George Johnson, Gertrude Rhodes, Burl Slates.

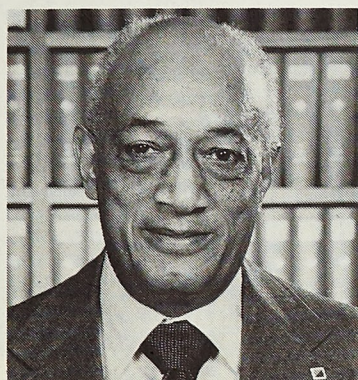
1979 Commencement May 6-7

Honorary and Professional Degree Recipients

Fifteen individuals, twelve of them MSM-UMR alumni, received honorary and professional degrees during MSM-UMR's 105th Commencement ceremonies. They were: Dr. of Science, (Honoris Causa) Dr. H.A. Hill, president of Riverside Research Laboratories, Watertown, Massachusetts; James I. Bowman, plant manager of Procter & Gamble Paper Products Company, Cape Girardeau, Mo.; William Dale Carney, division engineer-bridge, Missouri State Highway Department; Thor Gjølsteen, president of Frontier Resources, Inc., a subsidiary of Marathon Oil Company, Denver, CO; Harold R. Hollmann, general manager

Product Metallurgy, United States Steel Corporation, Pittsburgh, PA; Kenneth R. Joynt, senior vice president-operations and member of the board of directors for Pogo Producing Company, Houston, TX; Donald T. King, vice president of Badger Construction Company, Mellon-Stuart's coal industry construction operation's subsidiary, Allison Park, PA; Harold Lewin, senior vice president and general manager of Cerro Copper Products, Division of Cerro-Marmon Corporation, St. Louis, MO; Edgar Oliphant, Jr., president and chief executive officer of J.F. Pritchard and Company, Kansas City, MO; Lloyd E. Reuss, chief engineer Buick Motor Divi-

sion, General Motors Corporation; Donald A. Rueter, director of Technical and Environmental Services for the Arkansas Power & Light Company, Little Rock, Ark.; Roy R. Shourd, president of Schlumberger Well Services, Houston, TX; Robert E. Vansant, project manager, Civil-Environmental Division, Black & Veatch, Kansas City, MO; William D. Walker, group vice-president Tektronix, Inc., Beaverton, Oregon; Roy C. Werner, executive vice president, Metal Fabricating Group, Chromalloy Metals Tectonics Company, Chromalloy American Corporation, St. Louis, MO.



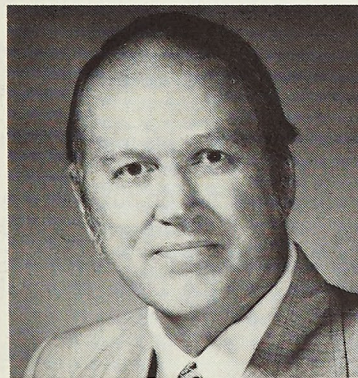
DR. HENRY AARON HILL



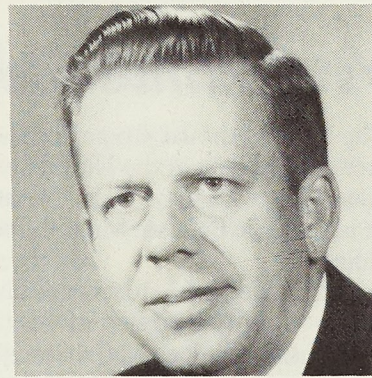
JAMES I. BOWMAN



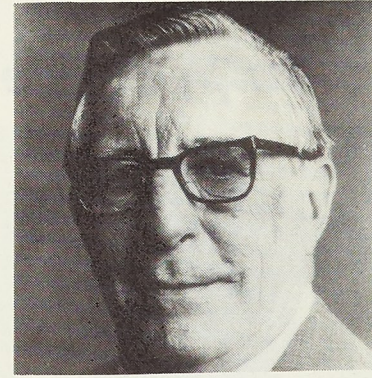
WILLIAM DALE CARNEY



THOR GJØLSTEEN



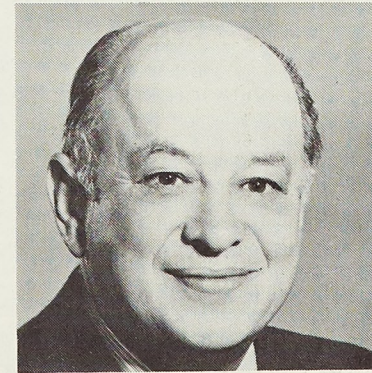
HAROLD R. HOLLMANN



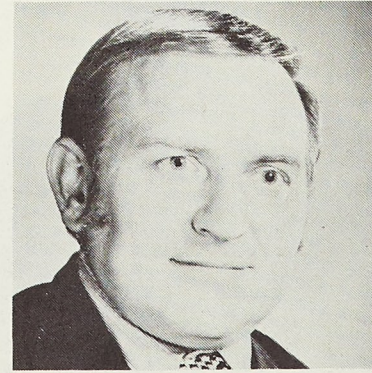
KENNETH R. JOYNT



DONALD T. KING

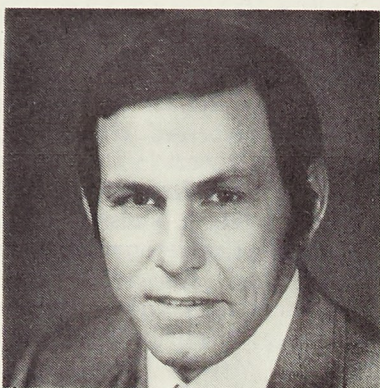


HAROLD LEWIN

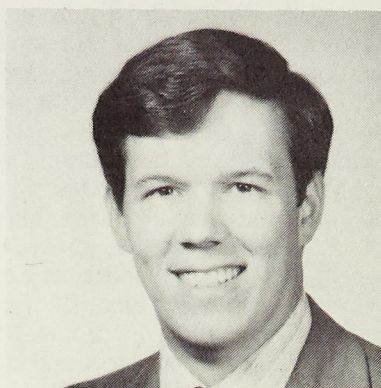


EDGAR OLIPHANT, JR.

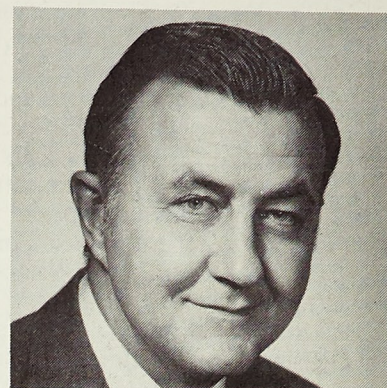
Honorary and Professional Degree Recipients



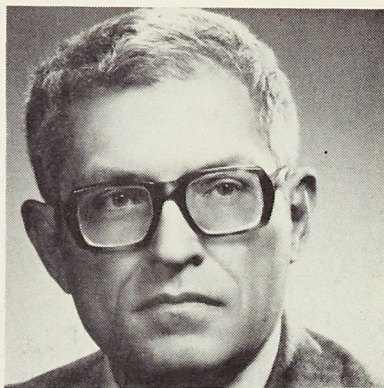
LLOYD E. REUSS



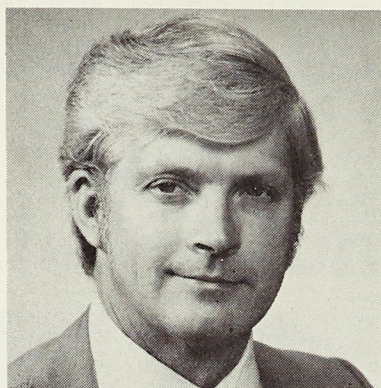
DONALD A. RUETER



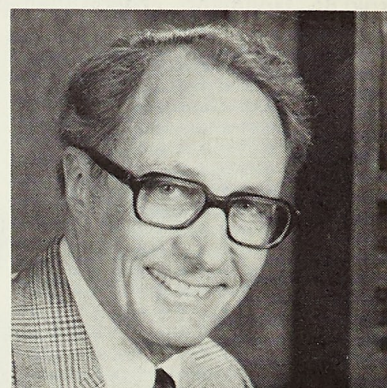
ROY R. SHOURED



ROBERT E. VANSANT

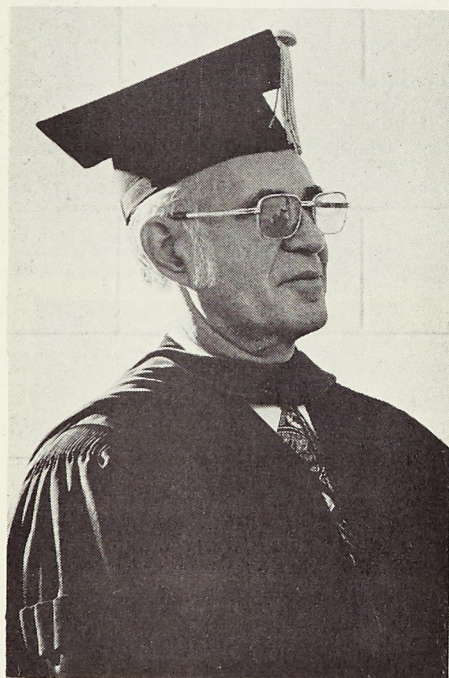


WILLIAM D. WALKER



ROY C. WERNER

Thompson Delivers Commencement Address



DR. DUDLEY THOMPSON

The 105th Annual Commencement exercises were held at the University of Missouri-Rolla Sunday, May 14, at 2 p.m. in the Gale Bullman Multi-Purpose Building.

Approximately 562 students received bachelor of arts, bachelor of science, master of science, doctor of philosophy, and professional development degrees.

A doctor of science (Honoris Causa) degree was awarded to Dr. Henry Aaron Hill, president of Riverside Research Laboratories in Massachusetts and immediate past president of the American Chemical Society.

A native of St. Joseph, Missouri, Dr. Hill was the first black president of the 102-year old American Chemical Society.

Dr. Dudley Thompson, who received the titles vice chancellor emeritus and professor emeritus of chemical engineering at this ceremony delivered the commencement address.

Thompson began his remarks by tracing the life and history of Thomas Jefferson, his influence on public education in the United States in general and for the state of Missouri in particular. "Jefferson may be the single personal influence which contributed most to Missouri and its University having attained the status they enjoy today," he said. "His heritage to Missouri is phenomenal. He peacefully obtained from Napoleon Bonaparte on April 30, 1803, the Louisiana Purchase. Eighteen years later a portion of the Louisiana Purchase became Missouri, the 24th state."

Thompson cited Jefferson's philosophy of separation of church and state and his thorough knowledge of the classics, his moral and ethical values, knowledge of men and their institutions, his sense of justice, and his "profound belief that education is not learning; it is the exercise and development of the

Thompson Address Continued

powers of the mind, and the two great methods by which this end may be accomplished are in the halls of learning, or in the conflicts of life."

"More specifically, though, Jefferson seemed to be compelled by the conviction that education is a debt due from the present to the future generations. While he was ahead of his time, with respect to instituting public education across the land he loved, he established the pattern by founding the University of Virginia in 1819, two years before Missouri became the 24th state. The "show me" state liked what it observed in this area of Jefferson's thought and action. In 1839, 18 years after achieving statehood and 20 years after the founding of the University of Virginia, Missouri established the first public University west of the Mississippi River in Columbia."

"The Congress of the United States of America, in 1862, during the Civil War, passed the Morrill Act which replaced the National stamp of approval on higher education for the public, particularly in the areas of agriculture and mechanic arts.

From this grew the seat of Agriculture for Missouri in Columbia,

and Rolla the seat for the mechanic arts. The School of Mines and Metallurgy, founded in 1870, initially featured interest in natural resources and their use. Civil engineering and Mining were the first degrees awarded.

"From its inception, the School of Mines and Metallurgy, later the University of Missouri-Rolla, has been dedicated to quality education," Thompson continued. "Its orientation has been in the direction of the physical sciences and the engineering applications of these sciences to meet the needs of the society and culture which it serves. As the knowledge of the sciences has increased exponentially, so have the tools, machines and instruments, which serve the sciences and societal needs. The people explosion has kept pace with the knowledge explosion."

Thompson also pointed out that the problems which we face today are not new. "Education, economics, international disagreements, the law of supply and demand, transportation, health, crime, freedom and justice are all societal and cultural threads that run backward in time until there is no record. William Shakespeare said it this way: " 'The common curse of mankind— folly and ignorance.' "

"Today, the graduate who receives a

diploma from UMR as evidence of the many long and tedious hours of study under the guidance of dedicated teachers and advisors, receives in addition a heritage and a challenge."

"The challenge is duty. 'Duty is the sublimest word in the language; you can never do more than your duty; you should never wish to do less.' These words, from Robert E. Lee, are inscribed beneath his statue in the Hall of Fame."

"The heritage from one man who cared, is from Thomas Jefferson. But he was not alone. There have been many who have also contributed to this heritage...It is not stretching possibility to suggest that your life also might be one which could influence many because you care, because you have trained yourself in methodical thinking, because you walk alone, and because you are convinced that education is a debt due from the present to the future generations."

Concluding, Thompson said, "As you receive recognition of your efforts, your aspirations, and your ambitions, you also receive a heritage and a duty. That duty, expressed by Abraham Lincoln, is: 'Let us have faith that right makes might; and in that faith let us to the end dare to do our duty as we understand it.' "

Semi-Annual Board Meeting Held in April

The MSM-UMR Alumni Association Board of Directors Semi-Annual meeting was held April 15 in the Silver and Gold Room of the University Center. Twenty members of the Board were present along with Frank Mackaman and Jim Taylor from the Alumni Office.

Hans Schmoldt, chairman of the Awards Committee, presented the recipients to be honored at the 1978 Homecoming which were approved by the Board.

Bob Klorer presented the slate of nominees to stand for election to office. Klorer explained that some of the

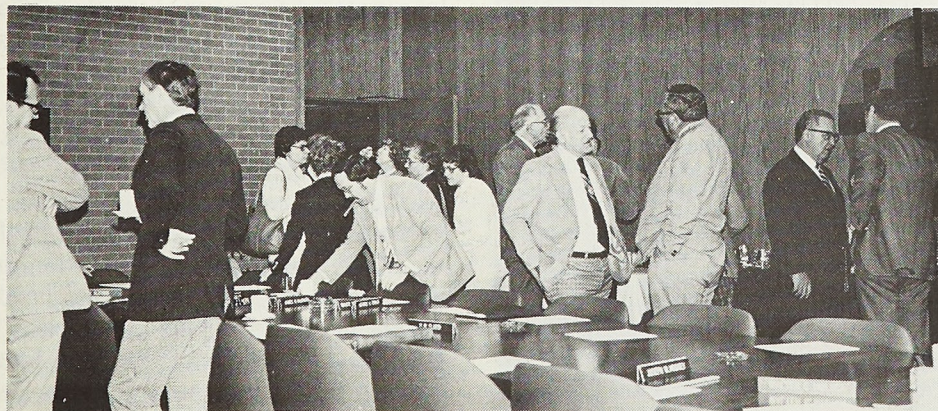
replacement names on the list are due to certain provisions in the constitution prohibiting directors to serve more than two consecutive terms. Ballots will be sent to members in the fall mailing.

It was pointed out that this slate contains for the first time a female nominee. The Board was pleased at this prospect and some discussion followed concerning re-articulating certain expressions in anticipation of her presence.

Frank Mackaman gave an encouraging review of the Association's finances, reporting a gain in the past nine months of \$13,399.97 in member's equity.

Other reports from committee chairmen were heard and an optimistic report from Interim Chancellor Jim Pogue on increased enrollment.

Jim Taylor presented a proposal where-by the MSM Alumnus could be put out in a newsprint tabloid format twice each year with both of these issues



Board members from left to right: Herman Fritschen, Dick Bauer, Gene Fadler, Ray Kasten, Hans Schmoldt, Bob Klorer, Pete Mattei, Bob Bay.

Board Meeting Continued

going to all alumni. The motive for the proposal was to increase the visibility of the Association with a capability of offering more timely news. The Board approved the plan.

It was also decided and approved at the meeting that the first appearance of the tabloid issue will be this August.

The schedule for the total of six issues will be:

February: tabloid format, sent to all
April: no change, sent to contributors
June: no change, sent to contributors
August: tabloid format, sent to all
October: no change, sent to contributors, special features
December: no change, sent to all

In other business a motion was made and approved to accept the following calendar of activities:

ASF Conference . . . April 19-20, 1979
Commencement . . . May 12-13, 1979
Homecoming . . . October 12-13, 1979
ASF Conference . . . April 17-18, 1980
Commencement . . . May 17-18, 1980
Homecoming . . . October 17-18, 1980

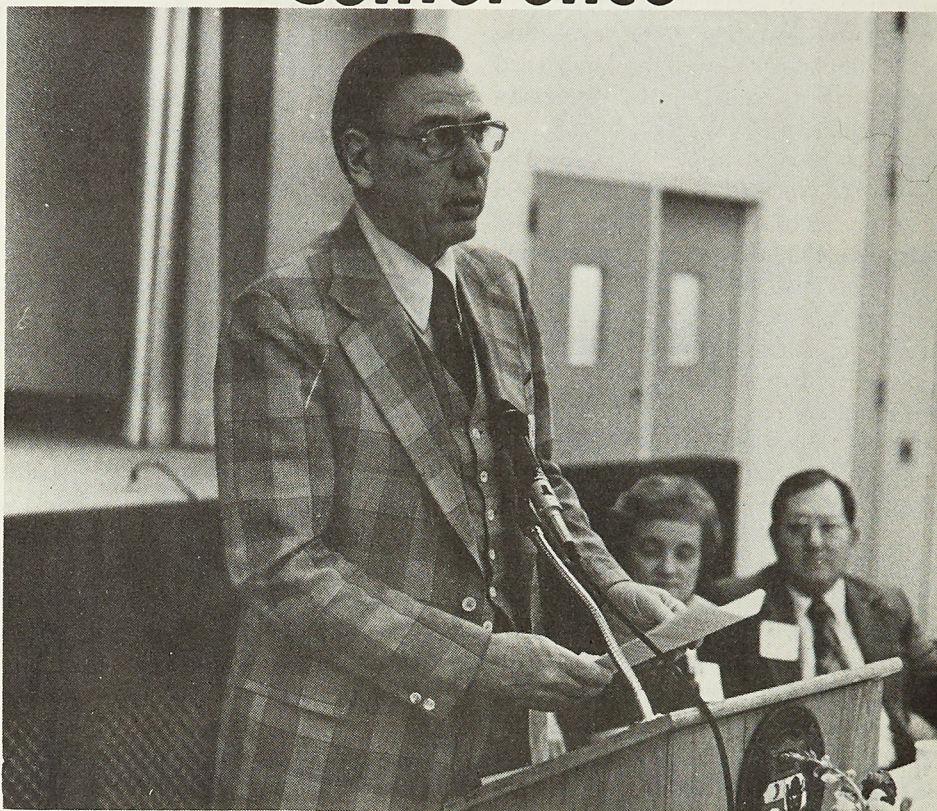
Copies of the complete minutes are available to members upon request.

Present for the meeting were: Richard H. Bauer, St. Louis; Joseph W. Mooney, St. Louis; Arthur G. Baebler, Sunset Hills, Mo.; Robert Bay, St. Louis; James B. McGrath, St. Louis; Robert V. Wolf, UMR; Matteo Coco, St. Louis; Robert W. Klorer, St. Louis; Herman Fritschen,

Tulsa, OK; Rex Alford, Houston, TX; Alfred J. Beuscher, Northbrook, IL; Hans E. Schmoldt, Bartlesville, OK; Peter F. Mattei, St. Louis; William D. Busch, Cleveland, OH; Eugene Fadler,

Dearborn Heights, MI; H. William Flood, Acton, MA; Ray Kasten, Kansas City, MO; Walter Mulyca, Marshall, TX; Larry Spanier, Dix Hills, NY; and George Tomazi, Florissant, MO.

Alumni-Student-Faculty Conference



H. William Flood, Chairman Alumni-Student-Faculty Conference and keynote speaker.

In St. Pat's Lounge...



Left to right: Interim Chancellor Jim C. Pogue, and his wife, Marilyn, in the center, Dave Copeland and guests.

Over 160 people attended the annual Alumni-Student-Faculty Conference Banquet, including over fifty alumni who traveled from various parts of the country to represent their professions and join with the participating departments. The Banquet was held April 13, in the St. Pat's Ballroom with Dick Bauer, president of the MSM-UMR Alumni Association, presiding.

"Since 1972, it has been the custom of the MSM-UMR Alumni Association to welcome our alumni, students, and faculty to this unique conference," Bauer said. "The conference came into being as a result of a need to encourage an open dialogue between alumni, students and faculty; to discuss trends in

the professions, in technology, the impact on the classroom, on careers, within a general sharing atmosphere of academic and professional information."

Bauer also pointed out that the conference has afforded the Association the opportunity to recognize and present certificates to the students participating in the Educational Assistant Program and to the Recipients of the Alumni Association Scholarships and the R.E. Dye Scholarships.

Rex Williams, president of the Board of Curators of the University of Missouri was introduced along with those seated at the head table: Joe Mooney, president-elect of the Association, Ted Planje, dean of the School of Mines and Metallurgy and chairman of the campus ASF Conference Committee, Paul Munger, also a committee member and professor of civil engineering and director of the Institute of River Studies, Shirley Bauer, Miriam Pogue, and Jim Pogue, Interim Chancellor, who was asked to share his remarks with the audience.

Before presenting the awards, Bauer introduced H. William Flood, '43, as the evening's speaker. Flood, the Conference chairman, is Manager of Special Assignments at Kennecott Copper's Ledgemont Laboratory in Lexington, Massachusetts and a director of the Association.

In a thoughtful speech that explored the relationships of the conference, Flood said: "If I may draw a parallel, let me suggest that an industrial firm turning out products, dishwashers, automobiles, ball point pens or what have you, does a thorough job of marketing before permitting their product to enter the market. Enormous amounts of money and effort are expended to be sure that the product is useful and wanted by the consumer. I have sometimes felt that our universities have not only neglected to do their market research, they have told their customers that they will decide how their students will be prepared."

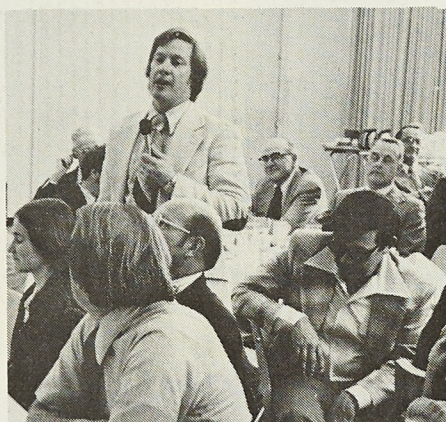
"I do not mean to say that this very difficult and complex marketing problem can be solved by one Alumni-Student-Faculty Conference per year. But it is a start, and my experience is that this one day A-S-F experience, if



L to R: Dick Bauer, John Packard, Shirley Bauer

the chemistry between the participants is right, opens up new possibilities for communication between Alumni (representing the consumer) the student (UMR's product) and the faculty (the producers)."

On a broader subject, Flood moved the theme into the national scene. "I have



Larry Clark, General Motors, Allison, Indianapolis, IN. One of several speakers returning to the conference.



Dennis R. Parker, '68. Process-engineer, Conoco, Ponca City, OK.

become increasingly concerned that our technological based society has had great difficulty figuring out how to deal with technology," he said. "it seems logical to me that at least some technically oriented people should be directly and fully involved in making the essentially technological decisions that confront our very way of life today. I am concerned that our law makers, who are almost all lawyers, are making thermodynamically unsound decisions on energy, they're making technically unfeasible decisions on environmental problems that directly conflict with the energy decisions."

"This is not to say that our technological skirts are clean. I need only to remind you of the tragedy in Sevese, Italy, where doxin was dispersed over an entire town—the town is now uninhabitable—or the Kepone accident on the James River in Virginia, or the PCB/PBB problems across the country or the cancer threat of vinyl to people in our plastics industry."

Flood concluded his remarks optimistically, saying: "I can tell you that UMR's graduates, your only important product, will be able to name their price, even when engineering openings are scarce, if they can bring an awareness of economics and social factors to their employers, whether in private industry or in government."

"Perhaps some of these graduates will eventually end up as effective politicians who can cope with both the social and technological problems discussed earlier, and then we may see solutions that are not entirely framed by lawyers who solve the problem for that moment by issuing another set of regulations."

Alumni-Student-Faculty Conference



Dick Bauer and Steven L. Gay, Association Scholarship recipient. (Steve had another meeting and was not present for the group picture).



Row 1, l to r: Dale Pippin, Paul Janke, Cynthia Diedrich, Marilyn Susan Daum, Joseph Allen Crider. Row 2: Robin Bechtold, Anthony O'Malley, Paul Baldetti, Robert Hea, Stephen (Dale) McHenry.



Row 1, l to r: Rodger P. Grantham, Gaylard T. Williams, Susan Waggoner, Nicholas S. DeLarber. Row 2: David Winter, Matthew G. Baebler, John Scotland Williams, David B. Copeland, Robert M. Steiner.



Robert E. Dye Recipients: Row 1, Karen Williamson and Daniel Beckerle, Jr., Row 2, James Barton, David Lofe, Russell Myers.

Academy of Civil Engineers Meet

Six civil engineering alumni of the University of Missouri-Rolla were inducted into the Academy of Civil Engineers at the group's annual meeting Friday, April 14.

They were: Ronald M. Kingsbury of 1903 Seven Oaks, Kingwood, TX; Donald S. Ballard of 326 Cinnamon Oak, Houston, TX; Robert J. Kemper of 11826 Helta Drive, St. Louis, MO; Otis H. Taylor of 4429 Winding Hill Road, Davenport, IA; Warren E. Wieland of 17 Sunnyside Drive, Belleville, IL; and R.H. Wiethop of 2520 N. 6th St., Omaha, NE.

The Academy honors outstanding UMR civil engineering graduates and serves as an advisory group to the civil engineering department.

Kingsbury, a native of Rolla and a 1955 UMR graduate, is manager, design

and engineering construction, Shell Oil Co., Houston. Except for three years with the U.S. Army Corps of Engineers, he has been with Shell Oil Co. since he received his degree. At UMR he was an honor student. He received distinguished military student awards and was a member of Chi Epsilon and Tau Beta Pi honor societies. His wife is the former Pat Carlton, daughter of the late Professor Carlton, and Mrs. Carlton of Rolla.

Donald S. Ballard, who received his B.S. in civil engineering, is manager, Sales Rolled Products-Western Division, Armco Steel Corp., Houston, TX. He served in the U.S. Army, worked for the City of Milwaukee as a research assistant at the University of Missouri-Columbia where he received his M.S. degree before going to work for Armco

in 1964. He has held several management positions in Houston and Kansas City and was city councilman and mayor of Leawood, KS. He is a member of the American Society of Civil Engineers, Missouri Society of Professional Engineers, Masonic Lodge and St. John's United Methodist Church where he has been youth counselor and Finance Committee member.

Robert J. Kemper, who received his B.S. in civil engineering in 1949, is assistant chief engineer, Missouri-Pacific Railroad, St. Louis. He is a career railroad engineer who progressed through the ranks from field engineer to his present position. While at UMR, he was on the honor list, was a football quarterback, a member of the "M" club, Sigma Nu social fraternity and the American Society of Civil Engineers.



Academy of Civil Engineers: left to right, front row: Warren R. Wieland, Russell Wiethop, W. Dale Carney, Donald S. Ballard, Otis H. Taylor, Coy L. Breuer, Leon Hershkowitz; second row, left to right: Vernon Gevecker, Peter F. Mattei, Vester B. Unsell, Robert G. Livingston, Herman A. Fritschen, Paul F. Carlton, Harvey Leaver, Joseph H. Senne, Jr.; third row, left to right: Harold G. Butzer, Kenneth W. Schoeneberg, (who was recently elected president, 1978-79, of the American Academy of Civil Engineers), James B. McGrath, Francis D. Lyons, Neil Stueck, Raymond O. Kasten, Daniel Kennedy, Robert J. Kemper, Leroy Jackson; fourth row, left to right: Wayne S. Frame, Robert D. Bay. The new member not pictured is Ronald M. Kingsbury.

Otis H. Taylor who received his B.S. in civil engineering in 1942, is an account executive, Goodyear Tire and Rubber Co. After serving as an aircraft maintenance engineer in World War II, he worked for Bell and Zoller Coal Co. five years before joining Goodyear and has been with Goodyear for 28 years. He is a registered professional engineer, a member of the American Society of Agricultural Engineers, and a registered

official for track and field in Illinois.

Warren E. Wieland, a 1950 graduate, is president of Campbell and Wieland Professional Consultant, St. Louis. He joined the consulting organization in 1950 as junior engineer. He is a registered professional engineer in 22 states, is a member of the Missouri and Illinois Societies of Professional Engineers and of several other professional organizations. He is past president

of the Belleville Board of Education and of the Special Education District for Handicapped Children. He was awarded the professional degree of Civil Engineer by UMR in 1976.

R.H. Wiethop, a 1932 graduate, retired in 1968 as chief of planning in the Omaha District of the U.S. Army Corps of Engineers. He devoted his entire 36-year engineering career to the Corps, including four years as an officer during World War II. He worked in all phases of flood control and Missouri River Development in the Omaha District and was named a Distinguished Civilian Employee of the Omaha District. In 1971 he retired as a Lt. Colonel, U.S. Army (Res.). He received the UMR Alumni Service Award in 1973. His son, Harve, received his civil engineering degree at Rolla in 1961.

"The Graduate", 1978



Joe Faber, a May 1978 graduate in mining engineering, picked out his cap and gown last month with the help of Brenda Harrison from the Placement Office. Brenda is also helping to hand out The Graduate Magazine, a publication featuring articles from job hunting guides to money management specifically for the recent graduate. The Graduate was made available this year as a courtesy from the MSM-UMR Alumni Association and Commerce Bancshares, Inc.

Many dedications have taken place over the past 2 months here at UMR, and so that we may do justice to all of them, they will be included in the August tabloid issue of the MSM Alumnus

Robert F. Bruzewski

Robert Francis Bruzewski was born in Auburn, Michigan, on March 22, 1918. He died at Barnes Hospital in St. Louis, Missouri, on April 10, 1978. His passing is mourned not only by his family and friends but by all who ever knew him. Bruzer, as he was affectionately called, was small in stature and humble, but great as a man, a teacher without equal and a professional in the true sense of the word. His profession was his life, and his guidance and works will be long remembered.

Bob Bruzewski never attended high school, but by thorough preparation on his own was admitted and completed studies at, successively, the Wisconsin Institute of Technology and the Missouri School of Mines and Metallurgy. From the latter he earned the B.S. degree in 1947 and his M.S. in 1949 in Mining Engineering. During the intervening time, or from June 1942 to August 1945, he served in the U.S. Army, advancing from Private to Captain. On February 15, 1943, he married Anna Mae McGovern from Platteville, Wisconsin, from which union four children were born.

Except for one year as an Assistant Professor at the University of Minnesota and one and one-half years' service with the U.S. Army during the Korean War, Professor Bruzewski has been on the faculty here at UMR since

1947. During his long tenure Bob devoted his abilities and efforts toward training students for a profession in Mining Engineering and solving problems by research and consultations for the industry. He instilled a pride and devotion for their work in all those associated with him. Bob Bruzewski's strict adherence to achieving academic and professional excellence are well recognized, exemplified by his many contributions toward research, his publications, his awards for student advising and teaching, and the success of our graduates. He will never be forgotten by any one of us who knew and loved him.

NOW, THEREFORE, BE IT RESOLVED:

That the Faculty of the University of Missouri-Rolla express their sincerest sorrow for the passing of Professor Robert F. Bruzewski and appreciation for his many years of devoted service;

That this memorial be included in the minutes of the General Faculty for Tuesday, April 25, 1978, and those of the Academic Council for Thursday, April 27, 1978;

And that copies of this memorial be sent to Mrs. Robert F. Bruzewski; their children, Mary, James, Jan, and Barbara; and to his sisters, Mrs. Sylvester Wisniewski, Mrs. Stanley Socha, Mrs.



ROBERT F. BRUZEWSKI

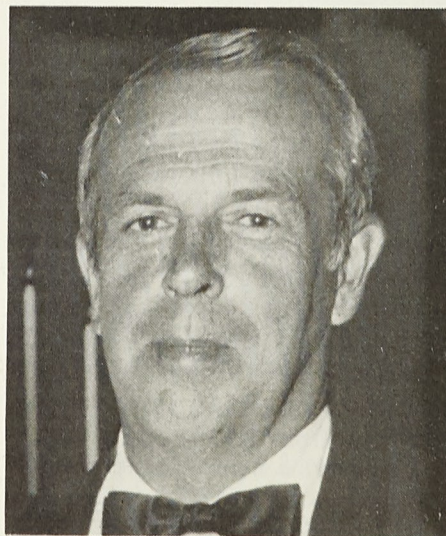
Robert Trepkowski, and Mrs. Betty Strzempkowski.

Ernest M. Spokes, Chairman
Richard L. Ash, Member

It was the wish of Bob's family that expressions of appreciation might take the form of gifts to establish a fund in his name for the benefit of students in the Mining Engineering Department. The MSM-UMR Alumni Association will receive and administer the funds. Individual and corporate friends of Bob's are encouraged to participate in the Robert F. Bruzewski Memorial Fund with checks mailed to: MSM-UMR Alumni Association, marked, Robert F. Bruzewski Memorial Fund. The fund will be designed to perpetuate those qualities which were exemplified in his life and career.

William J. Murphy

William J. Murphy was born on April 24, 1920, in Chicago, Illinois. He died at his home in Rolla on March 23, 1978. Bill was graduated from Regis High School in Denver, Colorado in 1938, and received his B.A. degree from the University of Detroit in 1942. Following service in the United States Navy, he received his M.A. from the University of Kansas City in 1944. Two years later, Bill joined the Missouri School of Mines faculty as an instructor. In 1954 he was promoted to Assistant Professor and in 1965 to Associate Professor of Psychology. From 1967 to 1969 he served as the first Section Head of Psychology. He was faculty advisor to the Rollamo and to Lambda Chi Alpha



WILLIAM J. MURPHY

Fraternity, and was member of the Athletic Committee. In 1947 Bill was made a Knight of St. Patrick's, and, in 1948, he married Rosemary Sue Crumpler, a former St. Pat's Queen.

Bill's popularity among students is legendary. His classes were always filled to capacity, and his Personality Dynamics course consistently had the highest single enrollment in liberal arts. Students requested Bill as a speaker at each one of the Annual Centennial Free University Week observances at UMR. His close identification with students made him a veritable barometer of student attitudes and opinions. Many turned to him for professional counseling and personal advice. He kept in touch

William J. Murphy Continued

with students after they had graduated, and they regarded his sincere interest in them with affection and admiration. Bill always had time for students, offering friendly encouragement in their scholastic and professional endeavors. He took a great interest in student athletic activities and kept in touch with young people as an ardent booster of UMR and Rolla High School teams. Many will remember him as a demanding, humorous and proficient instructor on the golf course.

Bill was instrumental in developing Psychology as a separate discipline within the Department of Social Sciences. As the first section head, he supported the hiring of young Ph. D.'s, and always offered a warm welcome to those who joined the faculty. He took these administrative responsibilities seriously but could always be depended on for wit and humor in any meeting or discussion. Bill never compromised his

individualism or yielded on questions he took seriously. In the early 1970's he was among a small number of UMR faculty who openly opposed the Vietnam War. He supported the controversial cause of resident inmates who attended UMR under the Prison Release Program. He championed sexual and racial equality and opportunity at UMR, and challenged outmoded tradition and mindless conformity. His often blustery assertiveness and scathing wit were tempered by a friendly grin, a self-deprecation, and highly recognizable humanitarian respect. Friends knew the depth of his compassion for the unfortunate, the discouraged or the afflicted. His enthusiasm was contagious, his philosophical approach to life and its problems were always appealing and relevant. None would dispute the statement that Bill Murphy was liked by all who knew him.

Bill is survived by three sons who are living testimonials to his success as a father and a person. They are William J.

Murphy, Jr., of Columbia, Daniel F. and David E. Murphy of Rolla. He also left behind a loving daughter-in-law, Mrs. William J. (Judy) Murphy, Jr., a brother, Dr. Jerome Murphy of Phoenix, Arizona, and his mother-in-law, Mrs. H. D. Crumpler of Rolla.

Be it resolved that the faculty of UMR extend its deepest sympathy to Mr. and Mrs. William J. Murphy, Jr., to Daniel and David Murphy, and to the remainder of the family, and that it express to all of them the University's heartfelt appreciation for thirty-two years of service and dedication of William J. Murphy.

Be it resolved that a copy of this resolution be recorded in the minutes of the Academic Council, and that copies of this resolution be sent to the above mentioned family members.

Committee:

Marvin R. Cain

Robert L. Montgomery

Charles B. Finley

Rap Session on Campus

About 60 persons showed up April 20 at the auditorium in the Mechanical Engineering building to listen or to question Dr. James Olson, president of the university, and president of the board of

curators, Rex Williams, along with members of the board of curators, C.R. Johnston and Robert Dempster.

The early part of the session was dominated by questions about the status

of an engineering program at the University of Missouri-Kansas City that Olson said involves about 500 students.

UMR faculty members present in the audience were concerned whether UMKC's "off-site" program could be operated without hurting quality at the established programs at UMC and UMR, considering the university's budgetary limitations.

The program at Kansas City is serving different students than the programs at UMC and UMR, Olson said. The demand for engineering is up in Kansas City, where many students attend the campus only part-time.

However, the program will be watched closely, Olson added, to make sure it continues to be efficient and effective. He said the program has not been accredited yet, and that it will not continue if it is not accredited.

In another much-discussed topic involving salary increases for faculty members, merit salary increases versus across the board, members of the audience pointed out that only support employees at the university receive across the board increases.



Dr. James Olson, and Rex Z. Williams, '31, listen and respond to questions during an open "rap session" held on the UMR Campus in April.

St. Louis Section Hosts Alumni



A meeting of "mines", that is, minds, was typical at the cocktail party hosted for MSM-UMR alumni attending the American Mining congress Coal Convention held in St. Louis, April 25. The setting was the Crystal Room of the Missouri Athletic Club. Left to right: Marlene and William Mallicoat, B.A. and Mildred Dennis and Miriam Planje.

The St. Louis Section of the MSM-UMR Alumni Association held a cash bar cocktail party during the 1978 Coal Convention of the American Mining Congress, April 25, in St. Louis, Missouri.

Through the good offices of Paul Dowling, '40, the Section secured the spacious Crystal Room at the Missouri Athletic Club in downtown St. Louis for the event. Paul is a member of MAC and would have undoubtedly attended had he received an invitation. Once again, we find ourselves apologizing for the U.S. Mail.

There were 54 alumni and guests who signed the register, and more that did not get signed in due to the combined rush at the door to purchase tickets for the bar.

Actually, we had expected more people, but we soon heard the rumour that attendance at the Convention was down, apparently due to the coal strike that was still on while mailings and arrangements had to be made.

But the exuberance and goodwill of the crowd, ranging from a fifty-year graduate, Harry A. Bobroff, to five UMR students, amply supplied enough enthusiasm for a crowd of 100.

According to the register, those present were: Ted and Miriam Planje, Rolla

(UMR); Nolan Aughenbaugh, chairman, mining, petroleum and geological engineering at UMR; R. W. (Dick) Phelps, Bethlehem, PA.; Mr. and Mrs. William Mallicoat, Madisonville, KY; Les Fields, Bedford, PA.; John Rockaway, associate professor of geological engineering, UMR; Chuck Toedtman, St. Louis; Jim Cunningham, St. Louis; Joseph W. Mooney, St. Louis; Howard Stine, St. Louis; George McCormack, Birmingham, AL; Mr. and Mrs. Leonard C. Kieberg, Ellisville, MO; Jim Cole, UMR graduate student; Edward A. Hilligos, Carlinville, IL; Harry A. Bobroff, Clayton, MO; Richard Rouse, Carbondale, IL; Ken and Nancy Siroky, Ballwin, MO; Harve Meier, Florissant, MO; Michael C. Korb, Hazleton, PA; Wayne M. Buck, Fairview Hts., IL; G. Michael White, Carlinville, IL; John C. Schilling, Neosho, MO; John R. Post, Denver, CO, with his nephew, neice and her husband, all from St. Louis; James Halligan, dean of engineering, UMR; Bill and Elva Franklin, St. Louis; Matteo Coco, St. Louis; Gene and Judy Rand, Plano, TX; Mike and Terry Stevens, Carlinville, IL; George F. Heath, Warrenton, MO; Charles Marosek, Worthington, OH; Jim Besleme, Farmington, MO; James Scott, professor of mining

engineering, UMR; Robert L. Hyberger, St. Louis; George Schillinger, St. Louis; Thomas L. Lyons, UMR student; Joe Faber, UMR student; Randall J. Lubbert, UMR student; John Stolwyk, UMR student, Webster Groves, MO.

Those with reservations who may have slipped by the distracted eye of the gatekeeper, were: Mr. and Mrs. Charles Travelstead, Carlinville, IL; Larry McNary, New Canton, IL; James J. Sheehan, Creve Coeur, MO; Richard L. Terry, Westlake, OH; David B. Smith, James A. Blessing, St. Louis, MO; Richard E. Hartig, Kirkwood, MO; Joel N. Cooksey, Carlinville, IL; Mr. and Mrs. W. L. McMorris III, Sandy, VT; Vernon Dunn, St. Charles, MO; Walter Geil, Sunset Hills, MO; R. J. Niewoehner, Webster Groves, MO; Paul H. Dillon, Jr., St. Louis, MO; James B. Brendel, St. Louis, MO; John J. Kovach, St. Louis, MO; Bruce E. Tarantola, Crestwood, MO; Ed Molitor and his guest Jack Bledsoe, Manchester, MO; Wayne Bennetsen, St. Louis, MO; Fred and Robert Mendell, Kirkwood, MO; S.A. Stone, Fort Wayne, IN; Jim Leonard, Florissant, MO; Robert A. Pohl, Kirkwood, MO; John A. Pollak, Kirkwood, MO; George Morris, Venedy, IL; Bob Sieckhaus, St. Louis, MO.

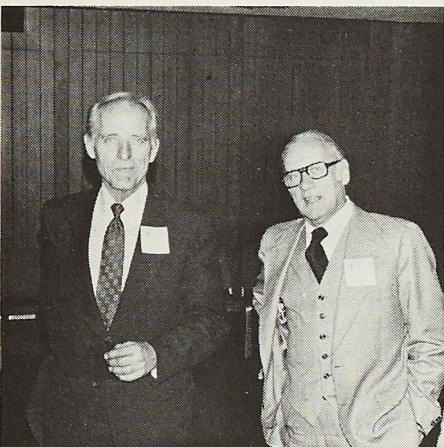
Of the AMC at the MAC



Dick Bauer and George McCormick at the St. Louis Coal Convention.



Jim Cunningham of the St. Louis Section and Dick Bauer, relax during the Section's meeting in the Missouri Athletic Club lobby prior to the reception for alumni.



John Post and Joe Mooney



Jim Cole and Mary Kirberg



Harry Bobroff, Dick Bauer, and Joe Mooney



Dick Rouse and Ted Planje

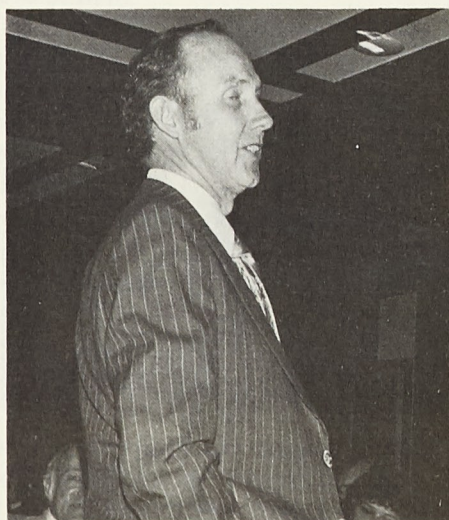
All OK in Tulsa...



Hans Schmoldt and E.A. Smith



Donna Hix and Walter Bailey



Dr. James Halligan, UMR Dean of Engineering



Keith Bailey

The Summit Club, atop the Fourth National Bank building in beautiful downtown Tulsa, was the site of the annual spring dinner of the Tulsa Section of the Alumni Association which was held on April 29, 1978. Fritschen and Kick or better yet, the Kick-Fritschen combination, made the arrangements but laid all the heavy work off on Tom Barrett. As has been his custom, Ed Smith, '24, was host for the pre-dinner cocktails. Ed has this unique practice of celebrating his April 28 birthday by entertaining alumni on the following day. Festivities of the evening included a rousing "Happy Birthday" rendition by all present, accompanied at the piano by Nancy Mackaman. The pre-prandial period was enlivened by a fast flow of stories. Gene Veale was present, and Fritschen used one of said stories when he introduced the speaker for the evening. The story will not be repeated as the Association must protect its mailing privileges. After a delicious buffet, a specialty of the Club, Dave Kick introduced Herman Fritschen who made the afore mentioned introduction of the Dean of the School of Engineering, Jim Halligan. The Dean shared his impressions of the School and the students and his convictions concerning the future of the campus and the engineering profession. Frank Mackaman made brief remarks and then the Rolla visitors responded to brisk questioning from the audience. Present for the occasion were: John & Pat Alford '71; Tom & Karan Barrett '69; Keith & Pat Bailey '64; Walter Baily & Donna Hix '49; Jim & Judy Collins '64; Joe & Sue Cowen '69; Herman & Arlene Fritschen '51; Dave & Gayle Kick '57; Col. Harley & Laura Ladd '40; George & Barbara Leck '61; David & Diane Mintner '69; Ernest & Faye Moran '27; Nick & Donna Muscovalley '55; Charles & Eunice Ringenberg '58; Hans & Jimmie Schmoldt '44; Jimmy & Nancy Schottel '70; E.A. Smith '24; Vic & Fran Spalding '39; Randy Staponski '74; Bill & Ann Vark '50; Gene & Lee Veale '42; Joe & Orvalyn Wanenmacher '23; Roy & Audrey Wilkens '66; Jim & Gwendalyn Ware '56; Guests of E.A. Smith; Harold Pohl & Carol McGhee; Rolla Guests; Jim & Ann Halligan; Frank & Nancy Mackaman.

Teed Off Alumni*s* in St. Louis

The St. Louis Section of the MSM-UMR Alumni Association held their 10th annual spring Golf Tournament at Crystal Lake Country Club, Saturday, April 29. Sixty-one golfers teed off, braving the intermittent rain, the cold and wind, but still enjoyed the day as they got a break from the weather early in the afternoon.

The winner of the low gross trophy, for the third straight year, was Tom Schneider, '75. Gerry Schwalbe, '72, won the low net trophy. Rich Wolhberg, '68, and John Brinton, '73, tied for the 2nd low net trophy with the tie breaker going to John.

The closest to the hole Belt Buckle went to Rich Wolhberg, '68, and the longest drive went to Dick Graham, '71.

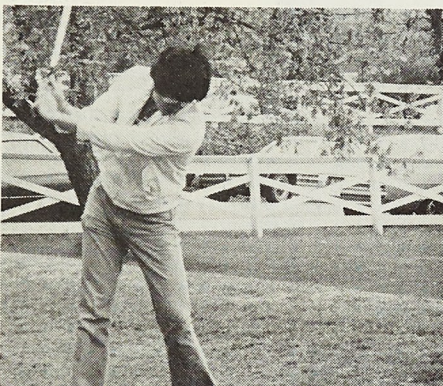
President of the MSM-UMR Alumni Association, Dick Bauer, and president elect, Joe Mooney, both participated in the 18 hole round and in the refreshments rounds that followed immediately after the game.

A special thanks goes to Chuck Toedtman, President of the St. Louis Section, for his fine work in figuring the handicaps via the Callaway System, and to Jim Taylor for helping out in getting the golfers signed in and to the tee.

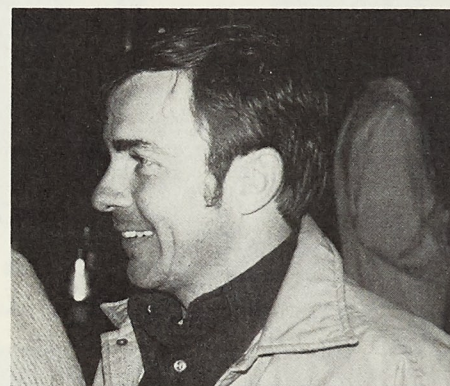
Howard Stine, '67, seemed to be in charge of everything, as he should be. He did a fine job as the 1978 Tournament Chairman.



Tom Schneider, left, low gross trophy winner at the St. Louis Golf Tournament, is congratulated with some suds and by Ray Kalbac, a member of the Schneider foursome.



David Chyi had his eye on the ball at the beginning of the St. Louis Golf Tournament held at the Crystal Lake Country Club, April 29.



Howard Stine, chairman of the Golf Tournament, is pleased with the brave turn-out and happy to be in the club house after 18 holes.

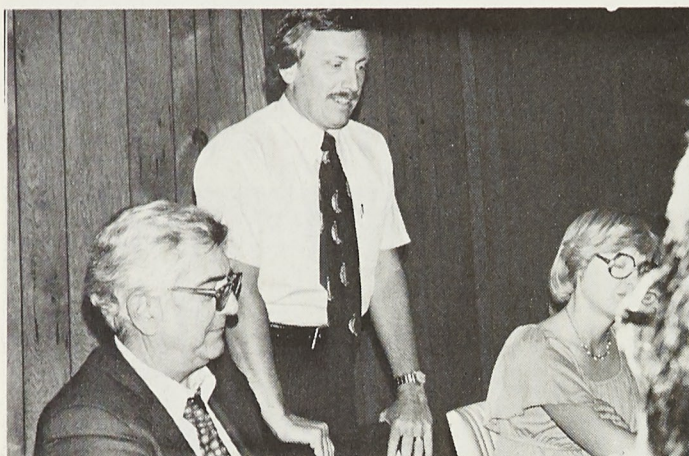


Left to right: Joe Mooney, Jim Cunningham, Chuck Toedtman, and Dick Bauer, discussed the weather, the course, and the handicaps before teeing off.

West Florida Coast...



Mike Salmon, Kay Salmon, Belding McCurdy, Don Feaster, Frank Mackaman, and John Olsen.



Lou Schaefer, Mike Salmon, speaker, Kay Salmon



Dorothy Benner, Martha Payne, Leslie Payne



Charles Benner



George Dierking



Belding McCurdy

On April 21, 1978 alumni and friends in the west coast area of Florida met at the Pass-A-Grille Yacht Club in St. Petersburg Beach. The meeting was arranged by Belding McCurdy, alumni Board member who is a past Commodore of the Club. John Olsen handled the reservations with the sterling help of his wife, Barbara. Mike Salmon, director of public works for the City of Tampa and a former director of the Association was the speaker. Mike has been on the job about a year, having been in the same position in Joplin before following the sun to Florida. Since all but one of the guests were originally from northern climes, Martha Payne is a native, they were particularly understanding of the differences in "public works" that, among other things, doesn't involve snow removal. This area is having a tremendous influx of population with all the attendant problems that involves. Mike will be equal to the challenge. He stressed the importance of professionalism in the public works field. Present for the delicious meal, the stimulating program and the late night dancing were: Charles and Dottie Benner, '37; George and Myrtle Dierking, '24; Don and Janis Feaster, '59; Ellen and Thomas J. Griffeth, '40; Frank and Nancy Mackaman, Belding and Ruby McCurdy, '38; James and Margaret Menefee, '36; Hamilton and Sue Moore, '23; Barbara and John Olsen, '42; Leslie M. and Martha Payne, '40; Mike and Kay Salmon, '63; Lou Schaefer, '53; E. Fuzz Thatcher, '28; Elmer and Eleanor Tomlinson, '32.

THE MSM ALUMNUS WELCOMES PICTURES WITH NEWS ITEMS

Meeting Data

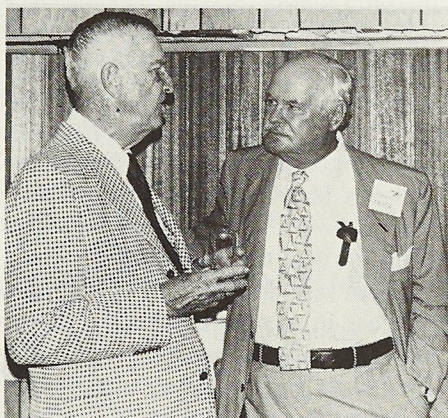
EVENT	SITE	DATE
WASHINGTON D.C. AREA.....	Toomey's, Alexandria.....	June 25
ARK-LA-TEX.....	May's, Kilgore, Texas.....	August 5
PARENT'S DAY.....	Rolla.....	September 23
SPE-HOUSTON.....	Houston Petroleum Club.....	October 3
HOMECOMING 1978.....	Rolla.....	October 6-7
ANNUAL BOARD MEETING.....	Rolla.....	October 6
ASSOCIATION ANNUAL MEETING.....	Rolla.....	October 7
AMERICAN MINING CONGRESS.....	Las Vegas.....	October 10
AIME-NEW ORLEANS.....	New Orleans Petroleum Club.....	February 20, 1979
ALUMNI-STUDENT-FACULTY CONFERENCE.....	Rolla.....	April 19-20, 1979
REUNION—CLASS OF '29.....	Rolla.....	October 12-13, 1979
ROCKY MOUNTAIN LUNCH.....	Denver Petroleum Club.....	First Tuesday
BARTLESVILLE LUNCH.....	Cafeteria Conference Room, Adams Building.....	Third Friday

ATTENTION: Please notify Alumni Office of your meeting arrangements.

More Florida...



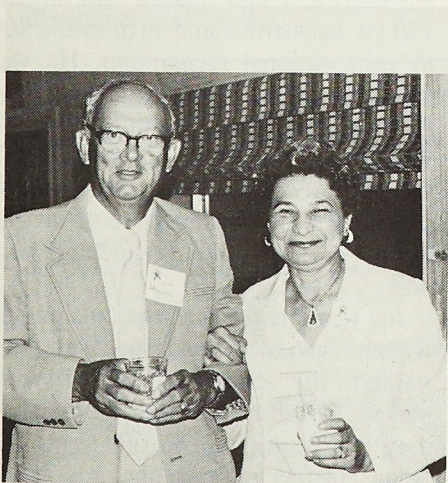
Eleanor and Elmer Tomlinson



Ham Moore, Fuzz Thatcher



Barbara Olsen



Jim and Maggie Menefee



Tom and Ellen Griffeth

Sports... by Ed Murphy

Southwest Missouri State, with a strong spring sports showing, breezed to its 17th Missouri Intercollegiate Athletic Association all-sports championship with a low total of 25 points. UMR was able to finish only sixth with 51 points, barely edging Lincoln with 52.

SMS won league championships in cross country, basketball, tennis and golf. The Miners won in swimming and were co-champions with Southeast Missouri in football. Other league titles went to Northeast Missouri in wrestling, indoor and outdoor track, and Northwest Missouri in baseball. Central Missouri was shut out in league titles.

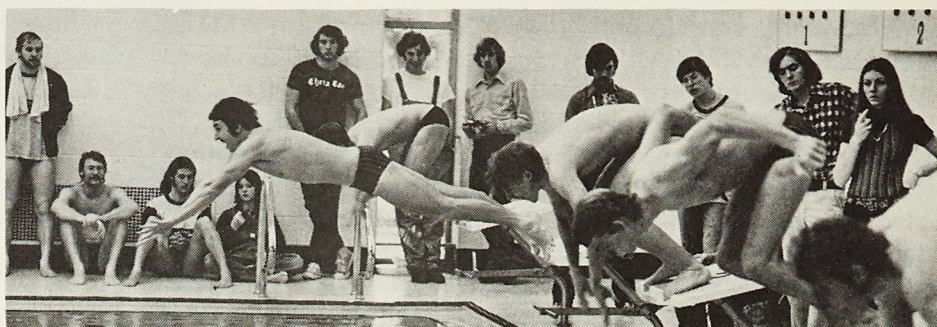
The Miner baseball team finished its season with a record of 11-15 and 4-11 in the MIAA for the sixth-place finish. Rains washed out eight games on the schedule.

Senior first baseman, Jeff Hannah, won the team and MIAA batting titles with a .452 average. He also led the team in home runs (5) and runs batted in (26). Top pitcher for the Miners was sophomore righthander Jeff Walters who had a 5-3 record. He struck out 49 batters, second in the MIAA.

Other good performances were turned in by sophomore third baseman, Mike Bennett, who batted .350 and had a league-leading 12 doubles with 20 RBI. Senior catcher, Chuck Holcomb, batted .338 and sophomore second baseman, Kenton Eiffert, hit .333. The Miners as a team hit .288.

Bruce Roney, a senior from Blue Springs, won individual medalist honors in the MIAA golf championships played on Roney's home course. He shot a 75-72-147 in the 36-hole event to edge Rick Tate of Northwest Missouri by one stroke.

Southwest Missouri upset pre-tournament favorite Central Missouri for the team championship. The Bears scored 749 to CMS's 759. The Miners were third at 769, followed by Northwest Missouri at 783 and Lincoln at 823. Southeast and Northeast did not field teams this year. Roney and freshman Greg Hollman were named to the all-conference team. Holman scored a 77-74-151 for the tournament.



The UMR swim team has been steadily improving over the years. Richard Erikson has gained national recognition as an All-American swimmer. His picture will appear on the cover of the NCAA guide next year.

The Miner track and tennis teams did not fare so well this spring and both finished last in conference championships. The UMR thinclads could score only five points. Sophomore Bill Coppoc placed third in the pole vault at 14'0" for the Miners' best showing. The mile relay team placed fifth at 3:20.6 and the 440 relay team also was fifth at 43.1. Junior Craig O'Dear ran a 14.5 in the high hurdles in the preliminaries. That time would have won the event but O'Dear pulled a hamstring and was unable to compete in the finals. Northeast Missouri won the team title.

Southwest Missouri swept all nine matches in the finals to easily win the MIAA tennis championships. The Bears won all six singles and all three doubles matches to score 54 points. Northwest was second with 14, Southeast third with 13 and Northeast fourth with 9 points. UMR and Central did not score a point and Lincoln does not have a tennis team.

Head football coach, Charlie Finley, and offensive tackle, John Moles, won top honors at the annual M-Club awards banquet held April 20.

Finley guided the Miners to a 7-3-1 record and a co-championship in the MIAA, the first for UMR since 1956. He was named Coach of the Year by the Miner varsity lettermen.

Moles, a senior electrical engineering major from Kansas City, received the Gale Bullman Award as the outstanding UMR athlete. The award, named in honor of the late UMR coach, is given to the varsity athlete who most typifies the qualities to which Bullman dedicated his life. They include: scholar-

ship, leadership and athletic ability.

In other football awards, junior linebacker Kevin Wolf was named the most valuable defense player. The 6-1, 195-lb. aerospace engineering major is a two-time all-MIAA first team selection. There was a tie for the most valuable offensive player. Senior quarterback Kenny Vaughn and junior tailback Terry Ryan were co-winners. Vaughn broke the UMR passing and total offense records for a single season while Ryan owns single season and career rushing attempts and rushing yardage records. Both players were named to the AP all-American honorable mention teams.

Mike Keusch was named the most valuable player in men's basketball while Terri Noelker was the women's basketball awardee.

All-American swimmer, Richard Erikson, was named the outstanding swimmer of the year. The junior mining engineering major placed 6th in the 100-yd. backstroke and 11th in the 200 to gain national recognition. He was named the outstanding swimmer in the 1978 MIAA championships and holds varsity and conference records in both the 100- and 200-yd. backstrokes. His picture will be on the cover of the national NCAA swimming guide for next year.

Joe Kinsella received the outstanding wrestler award and Dottie Field was named the outstanding volleyball player. Michael May was the outstanding competitor on the rifle team and Brian Haefner received the cross country award. Players on the baseball, tennis, track and golf teams were selected before school was out in mid-May.

Job Opportunities

For information concerning positions listed below, please contact Mr. Larry Nuss, Director of Career Development & Placement, UMR, Rolla, Missouri 65401, giving File Number of the position, state your degree, discipline and month and year of your graduation.

- | | | |
|--|---|---|
| <p>1783 BSEE/ME/Cer. Exper. Eastern state.
 1784 BSEE sales. Multi openings. All locations.
 1785 BS/MS/PhD Mech. Midwest major mfr.
 1786 Midwest res. lab. Multi-openings all levels.
 1787 BS, Prefer MSEE. Florida electronics. Multi-openings.
 1788 BSME/EE Eastern state mfr.
 1789 Agency executive search. Foundry types.
 1790 GS-9 to 11. Midwest Corps district. CE, Structural & Hydrolics
 1791 Senior planning analyst, minerals div. BS plus exper. & MS or MBA
 1792 BS or MS ChE plus 3 multi openings. Midwest.
 1793 BSME plus 2 exper. packaging. Midwest.
 1794 BSME 2 plus exper in HVAC. Midwest.
 1795 BS/MSEE 0-3 digital and analog
 1796 BSCE Testing RR. Western state
 1797 BSME/EE/EngrMgt. 2 plus exper mfr. Midwest.
 1798 N/A
 1799 Atmospheric res. ctr. Western state. Multi-openings. Advanced degrees.
 1800 Midsouth R&E Ctr. Multi openings. Advanced degrees. Exper.
 1801 Upper midwest major mfr. Multi-openings. ME/CE/EE.
 1802 Midwest BSChem. 3-5 food exper.
 1803 Midwest city engr. BSCE plus 3 exper. EIT or PE.
 1804 Western state multi-disciplines. Natural gas exper.
 1805 Midwest multi-openings. Most disciplines multi-levels.</p> | <p>1806 MEngMgt. Modeling and simulation exper. Midwest.
 1807 BS/MSEE and ME. Computer background. Eastern state.
 1808 BSME/Met. Non-dist. testing. Midwest.
 1809 BSME plastics, thermal forming, flexographic. Midwest.
 1810 Eastern slope. Multi-openings. Most disciplines.
 1811 Agency listings.
 1812 Upper midwest BSEE plus 2 exper. Large CPU design.
 1813 N/A
 1814 State govt. energy officers. All levels.
 1815 Eastern state major company. All levels. Most disciplines. ME predominate.
 1816 Mgt. consultants need qualified staff assistants. BS plus 5-8 in operations, mfr. and plant engr.
 1817 BSME/EE exper. Eastern state
 1818 BSChE supervisory exper soy processing. Midwest.
 1819 MS statistics. Western state.
 1820 Energy company. Exploration. BSEE/Physics/Math-PhD Geophysics/ Physics/Math. Southwest.
 1821 Agency listings.
 1822 BS/MSCSc or EE. 370 exper. Midwest
 1823 Major mfr. multi-openings. Systems positions predominate.
 1824 Upper midwest mfr. Multi openings. ME's predominate.
 1825 Upper midwest major company. Multi-openings most disciplines. Exper required. ME/EE/ChE, Chem predominate.
 1826 Outdated</p> | <p>1827 BSEE power circuitry. Midwest.
 1828 BSEE 1-4 circuit design. Fla.
 1829 BSMet or ME 5 yrs. exper. Midwest.
 1830 BS Business or Science. Mfr. exper. Midwest.
 1831 Midwest sales. 3-5 food ingredients.
 1832 BSEE 1-2. Transmission & substation design. Midwest.
 1833 Midwest utility. Special studies position. Rates & Marketing.
 1834 See 1799.
 1835 BSMIn. Midwest.
 1836 BS/MSEE R&D Elector-optic, laser & computer systems. Midsouth.
 1837 Tech sales midwest chem. mfr. Locations open.
 1838 BSCE, ChE Eastern state. Asphalt exper.
 1839 BSEE/Physics 1-4 hardware design. Midwest.
 1840 BSME 2-5 applications engr. Midwest.
 1841 See 1810
 1842 BSME design orientation. Near west.
 1843 BSCE 1-2 EIT or PE. Assistant city engr. Midwest.
 1844 BSME 1-4 mfr. Machine design & tooling methods. Sun belt.
 1845 Midsouth. Multi-openings. Ceramic capacitor or resistor exper. required.
 1846 Agency listings.
 1847 Agency listings.
 1848 BSCSc/Math/Business 370/168 exper. Upper midwest.
 1849 BSChem. 2 yrs. analytical. Midwest.</p> |
|--|---|---|

HERE'S A LIST OF SOME OF THE EXTENSION SHORT COURSES and Conferences schedules by UMR faculty and the extension division. Where titles are not self explanatory you may call for more detailed information including costs. Call "Extension Coordinator," 314-341-4201 or 4202. Written requests should be addressed to Walter Ries, UMR Extension Division, University of Missouri-Rolla, Rolla, Missouri 65401.

PROGRAM

Embankment Dams Soil Aspects
 Porcelain Art Teachers Workshop
 Finite Elements in Geotechnical Engineering
 Microemulsions and Emulsion Short Course
 Solar Energy Short Course
 37th Introductory Short Course on Composition of Paints and Coatings
 31st Advanced Chemical Coatings Workshop
 28th Paint Short Course for Maintenance Engineers
 Single Phase Induction Motor Design Short Course
 5th Annual UMR-DNR Conference and Exposition on Energy
 Deep Foundation Design
 2nd International Conference on Mathematical Modeling
 Design of Dewatering Systems
 Design of Shallow Foundations

LOCATION

St. Louis
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DATES

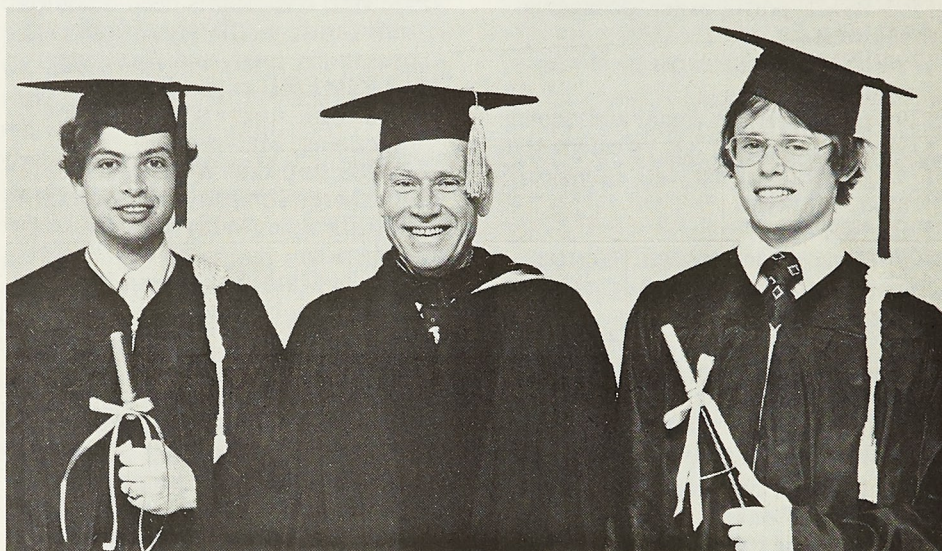
Summer, 1978
 July 17-21, 1978
 August, 1978
 August 7-11, 1978
 August, 1978
 Sept. 11-15, 1978
 Sept. 18-22, 1978
 Sept. 25-29, 1978
 Sept. 25-29, 1978
 Oct. 10-12, 1978
 Nov., 1978
 July, 1979
 July, 1979
 Feb., 1979

Student Marshals



Leading the School of Engineering in the University of Missouri-Rolla's 105th Annual Commencement processional as student marshals were Ramona Day Nowak, left, Route 2 Springfield, and Rita Sue Stockhecker, right, 1133 Donnell Ave., St. Louis. With them is Dr. James Halligan, dean of the school. Marshals are graduating seniors selected by their deans on the basis of their scholarship, leadership and activities. Nowak is the daughter of Mr. and Mrs. Raymond Day and received a bachelor of science degree in civil engineering. Stockhecker is the daughter of Mr. and Mrs. Warren H. Stockhecker and received a bachelor of science degree in chemical engineering.

Leading the School of Mines and Metallurgy in the University of Missouri-Rolla's 105th Annual Commencement processional as student marshals were David Charles Hitchcock, left, 9721 E. 27th St., Independence, and Bruce Robert Tipton, right, 2202 Oakview Drive, Godfrey, Ill. With them is Dr. T.J. Planje, dean of the school. Marshals are graduating seniors selected by their deans on the basis of their scholarship, leadership and activities. Hitchcock, son of Mr. and Mrs. C.J. Hitchcock, Jr., received a bachelor of science degree in ceramic engineering. Tipton, son of Mr. and Mrs. Robert I. Tipton, received a bachelor of science degree in metallurgical engineering.



Leading the School of Mines and Metallurgy in the University of Missouri-Rolla's 105th Annual Commencement processional as student marshals were Susan Lane Callahan, left, 8708 Jarboe, Kansas City, and Darlis Jean Burris, right, 814 Green Acres Drive, Fayette. With them is Dr. Adrian H. Daane, dean of the school. Marshals are graduating seniors selected by their deans on the basis of their scholarship, leadership and activities. By an unusual coincidence, both students received bachelor of science degrees in mathematics (more than one department is usually represented). Callahan is the daughter of Mr. and Mrs. Carter Callahan and Burris is the daughter of Mr. and Mrs. Carl D. Burris.



Rita, meet Rita. Miss Webber on the left, Miss Stockhecker on the right.

St. Louis Section-AICE

Outstanding Student Awards

A pair of Outstanding Student Awards were recently presented by the St. Louis Section of the American Institute of Chemical Engineers at their "Student Night" meeting in St. Louis.

Both awards went to University of Missouri-Rolla students, both are women, both are named Rita, both are seniors in chemical engineering, both received B.S. degrees in May and both are from St. Louis.

Rita Stockhecker is the daughter of Mr. and Mrs. Warren H. Stockhecker, 1133 Donnell Ave., St. Louis. Rita Webber is the daughter of Mr. and Mrs.

Robert T. Webber, 4 Media Drive, St. Louis.

Stockhecker will be going to work for DuPont in Camden, South Carolina, while Webber has received a National Science Foundation graduate fellowship and will begin work toward a master's degree at the University of Washington in Seattle.

The awards are based on the students' campus activities as well as academic accomplishments. Both students have been active in many student groups and both have grade point averages of 3.9 (on a scale of 4.0).

Dr. James W. Joiner

Adviser of the Year

Dr. James W. Joiner, associate professor of mathematics, was named "Adviser of the Year" at the University of Missouri-Rolla. The award was presented at luncheon ceremonies Wednesday, April 19, in the UMR University Center.

Also honored with a Special Advisor of the Year Award was Lou Moss, UMR's Assistant Director Student Personnel, in recognition of his services to and programs for international students on the campus.

Dr. Joiner was nominated for the honor by members of the Venezuelan Student Association. He was chosen "Adviser of the Year" by an anonymous committee of impartial judges.

In the letter of nomination, the 80-member group of Venezuelan students cited Dr. Joiner for "learning our ways, our culture, our manner of talking...In our moments of frustration and feeling of isolation, our adviser has come forward and stimulated us to be positive, creative and competitive in a university that could easily lose us in its rapid advances."

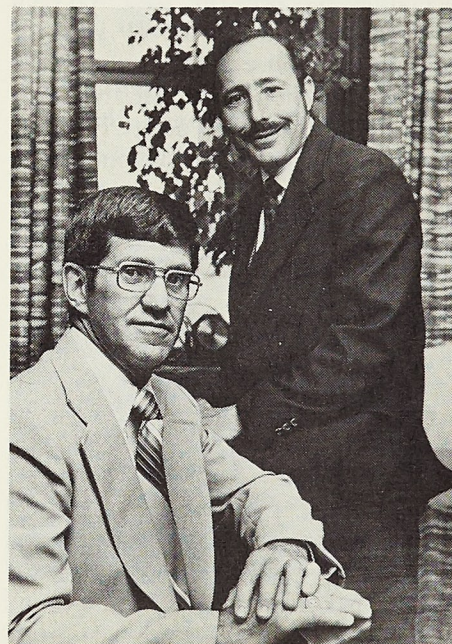
The letter continues, "He has instilled in us through special tutorial sessions and private counseling, a desire to im-

prove ourselves academically in this fine school. He has become our guide and inspiration because of his own fine academic achievements."

The group also lauded Dr. Joiner for the amount of time he spends with the members and their activities and his efforts to help them and their families become integrated into the community as well as the campus.

Dr. Joiner received his B.S. degree at Southeast Missouri State University, an M.A. degree from Chicago, an M.S. degree from UMR and his Ph.D. degree from Georgia Peabody College for Teachers. He has been a member of the UMR faculty since 1959 and has been adviser to the Venezuelan Student Association for the past two years.

Also recognized at the luncheon were four other "Adviser of the Year" finalists. First runner-up was Dr. Leonard F. Koederitz, associate professor of petroleum engineering and adviser for Kappa Sigma fraternity. Second runner-up was Dr. Charles A. Sorrell, professor of ceramic engineering and adviser of Keramos, national professional ceramic engineering fraternity. Third runner-up was Katherine Jenks, instructor in psychology and adviser for



Lou Moss, left, and Dr. James Joiner, were recently honored as special advisors at UMR. Dr. Joiner is a 1962 graduate of UMR and a class coordinator for the Class of 1962.

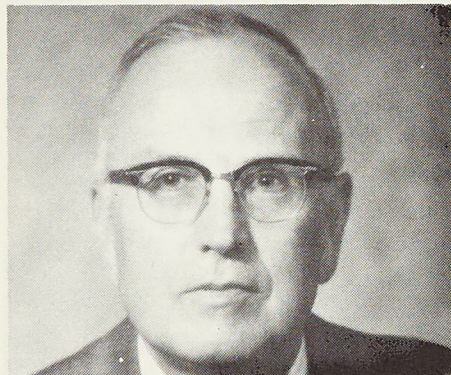
the UMR Panhellenic Council. Fifth runner-up was Dr. Harvey H. Grice, professor of chemical engineering and, for the past 10 years, adviser of the student chapter of the American Institute of Chemical Engineers.

There are approximately 150 student organizations on campus whose faculty advisers are eligible for nomination to the honor.

Alumni Personals

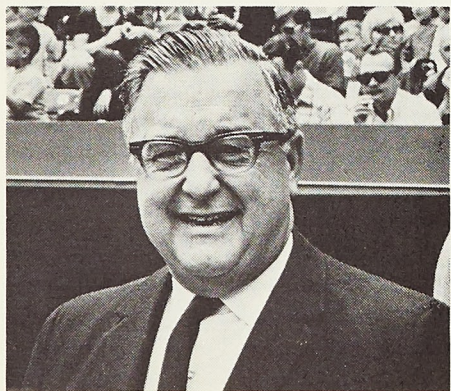
Past Presidents Honored

Melvin E. Nickel, 10601 S. Hamilton Avenue, Chicago, IL 60643, was honored by the Iron and Steel Society of the American Institute of Mining, Metallurgical and Petroleum Engineers (AIME) at the 3rd International Iron and Steel Congress held April 16-20 the Palmer House. More than 2,000 members and guest attended from across the United States, Canada, and from over 20 foreign countries. The award of Distinguished Member, the highest award granted by the Iron and Steel Society, was conferred upon Mr. Nickel in recognition for his contributions to the initial development of operating practices in Basic Oxygen Steelmaking and for his 41 years of outstanding service to the Iron and Steel Society and the AIME. Mr. Nickel is presently Manager of Facility Planning at Wisconsin Steel, a division of Envirodyne Industries, Inc.



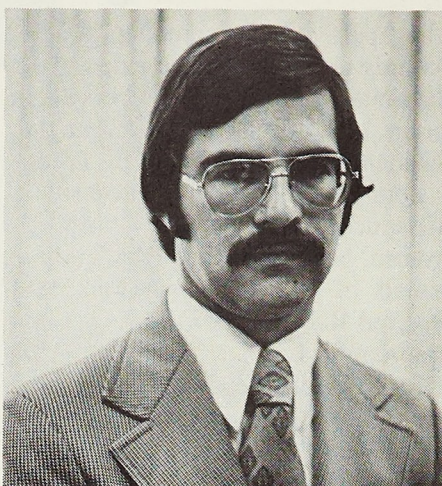
MELVIN E. NICKEL

Peter F. Mattei has been appointed Chairman of the 1978 M.S.P.E. Nominating Committee. His address is 9954 Holliston Ct., St. Louis, MO 63124.



PETER F. MATTEI

30/MSM Alumnus



LEONARD C. KIRBERG

Leonard C. Kirberg, '66, received a Professional Development Degree in Engineering Management at MSM-UMR's 105th Commencement, Sunday, May 14.



JOSEPH W. MOONEY

Joseph W. Mooney, '39, president-elect of the MSM-UMR Alumni Association has been elected Mayor of University City, Missouri.

Joe, who also continues his position as a C.L.U. with the New York Life Insurance Company in St. Louis, won a large victory in a three-way race for mayor on April 4.

If this were not enough to keep "His Honor" busy, Joe will be assuming the office of president of the Association this fall during Homecoming, October 6-7.

Joe says the extra duties will only make life more interesting, and judging from his past performances in professional life and his work for our alumni, one knows this is true.

The deadline for Alumni Personals for this issue was May 1. For the August issue the deadline will be extended to July 21. All items received after the deadline are carried over into the next issue.

1909

H. George Anderson died March 30, 1978. During his career he worked for Allis-Chalmers Mfg. Co. and as a self-employed mining and metallurgical engineer, eventually for his own company of H.G.S. Anderson & Sons in Muskogee, Oklahoma. In 1931 he was listed in Who's Who in Engineering.

1911

Eva Hirdler Greene is now writing her autobiography proving that she is not retired. She resides at 200 N. Dale Ave., Suite No. 116, Anaheim, CA 92801.

1921

Joseph M. Wilson is listing his mailing address as 811 Preston Bank Bldg., Dallas, TX 75225. Joe is an Independent Petroleum Geologist, self-employed.

1923

Walter A. Werner died April 4, 1978, in St. Louis at the age of 81. After a long and varied career with employment at the Bancroft Textile Co. in Wilmington, Delaware, Planning Engineer with the U.S. Forest Service, Labor Management Relations Arbitrator with the National Labor Relations Board in St. Louis, he remained self-employed until the time of his death.

Alumni Personals

1924

Ray McBrian, former head of the Denver research laboratory of the Rio Grande Railroad, died April 1, 1978, after suffering a heart attack while vacationing in Tangier, Morocco. Before his retirement in 1965, McBrian's work with railroad diesel fuels gained national notice. A front-page article in the Wall Street Journal credited him with saving the Rio Grande \$300,000 a year in fuel bills by upgrading performance with an additive developed in the Denver lab. He won the 1955 De Forest award from the Society for Nondestructive Testing, recognizing the development of the instruments to check the soundness of the rails under moving trains. McBrian was born in Princeton, IN, attending the Colorado School of Mines for two years and was graduated from the Missouri School of Mines in 1924 with a degree in metallurgy. In 1924 he married Edna Jeanlin, who died in 1973. He later married Mrs. Evelyn Harrison of Denver, who survives. Services and burial took place in Denver.

1929

William and Marie Drake may be reached at their new address, 15 N. Reese, Memphis, TN 38111.

1931

William E. Donaldson and his wife, Lillian, have a new location at 1501 Anza Ave., Vista, CA 92083.

1933

Reunion at Homecoming Class Coordinators:

John O. Farmer
120 N. Elm
Russell, KS 67665

William W. Kay
The Highlands, Box 98
Drums, PA 18222

Vernon L. Asher attended the winter meeting of the NSPE in New Orleans, January 23-27. Vernon is vice-chairman, Professional Engineers in Industry, and lives at 1350 Craig Drive, Kirkwood, MO 63122.

1936

Hoyt G. Thompson is now retired. He and his wife, Helen, live at 1325 James Ave., Niagra Falls, NY 14305.

Reade M. Beard has retired. He and his wife, Louise, live at 3698 Liscome Way, Concord, CA 94518.

George H. Breuning died last April, 1977. He was retired from the U.S. Civil Service and living in Melbourne, Florida at the time of his death.

1937

Walter and Iris Jones send their address as 1379 Wagontrain Dr. S.E., Albuquerque, NM 87123.

Reunion at Homecoming Class Coordinators:

Belding H. McCurdy
7400 Sun Island Dr., SO, 711
S. Pasadena, FL 33707

J. Craig Ellis
3112 W. Twickingham Dr.
Muncie, IL 47304

1938

Frank N. Goodrich is retired and says he will play golf and make jewelry, and use his motor home to travel in the U.S. He and his wife, Gerry, live at 1313 Gates Pl., So. Pasadena, CA 91030.

1939

W.A. Roarig has retired. He and his wife, Frieda, reside at 1261 Seiler Lane, La Crosse, Wisconsin 54601.

Edgar F. Pohlmann says he is still enjoying retirement, including private piloting. "We're busy at present organizing a trip for our WW II outfit, the 19th Engineers, to Tunisia and Italy, in September." Edgar and Hazel live at 5805 Goucher Drive, College Park, MD 20740.

Albert L. Tetley has been made General Supervisor with U.S. Steel Corporation in Fairfield, Alabama. Albert and Gladys live at 516 Park Terrace, Birmingham, AL 35226.

1940

Walter P. Leber has been made vice president of the Harza Engineering Company. Phil and his wife, Bernice, live at 333 E. Ontario St., Apt. 4301 B, Chicago, IL 60611.

Peter Simonds says that "since retirement from Canadian government Civil Service, have written World War II book, David and Max, published by Auroro Publishers, Inc., of Nashville, Tennessee. Peter and Norman Simonds live at 2682 Flannery Drive, Ottawa, Ontario, Canada K1V 8M2.

1943

Reunion at Homecoming Class Coordinators:

Raymond O. Kasten
901 West 114th Terrace
Kansas City, MO 64114

Robert L. Ehrlick
374 Wyckoff
Wyckoff, NJ 07481

H. William Flood
183 Main Street
Acton, MA 01720

James R. Paul
610 N. Wilcrest
Houston, TX 77079

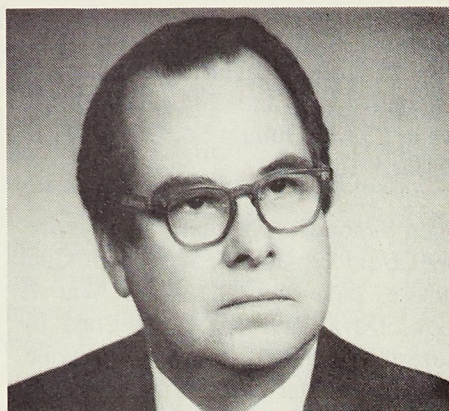
Edward G. Gyax and his wife, Marguerite, have a new address at Rt. No. 5, Box 198, Hillsboro, MO 63050. He is the owner of Gyax Engineering & Equipment Co. of St. Louis, Missouri.

Kenneth R. Joynt writes that he has "retired after 31½ years with Mobil Oil Corp., Division General Manager, Houston, E&P Division, 9/1/77. Joined Pogo Producing Co. 9/1/77 as Senior Vice-President Operations and member of the Board of Directors." He and his wife, Mary, live at 11906 Churchill Court Lane, Houston, TX 77024.

John L. (Jack) Schafer has a new title as Sales Manager-Tubular Products, with Bethlehem Steel Corporation, Supply Division. He and his wife, Bette, live at 5806 S. New Haven, Tulsa, OK 74135.

Alumni Personals

1944



DONALD W. FROMMER

Donald W. Frommer has joined Drave Corporation's Minerals & Metals Division as a senior consultant in minerals processing. In the past, he has received the AIME's A.M. Gaudin Award, the Department of Interior's Meritorious Service Award, and the Society of Mining Engineers' Distinguished Member Award. His address is 2016 Dundee Dr., Rockville, MD 20850.

1947

John and Claudine Schork have a new address at R.D. No. 2, Lebanon, NJ 08833. John is now Chairman of the Board and Chief Operation Officer with Research-Cottrell, Inc.

Philip D. Johnson writes: "Have never been back to Rolla since 1947. Hope to make it one of these days. Have seen several classmates this past year." Phil and Louise live on Rural Route, in Rice, WA 99167. He has a new position as Director of Public Works in Stevens County, Washington.

Kenneth G. Adrian and his wife, Joan, have a new address for retirement, in Cassville, Wisconsin 53806.

1948

Reunion at Homecoming Class Coordinators:

Joseph T. Hepp
2325 Riverside Ave.
Marinette, WI 54143

Robert V. Gevecker
315 Boonville Rd.
Jefferson City, MO 65101

Harold G. Moe
5650 Saranac Dr.
Columbus, OH 43227

Harvey P. Leaver
315 Deerfield Way
Geneva, IL 60134

Michael J. Delany
1979 Harlem Blvd.
Rockford, IL 61103

Harold G. Moe writes: "Having lost the few remaining good senses, I have entered private practice. The weather, clientele, and general conditions have made it fairly easy to practice privacy." Harold is vice-president of Ahlers-Moe & Assoc., Inc., 5 West Waterloo, Canal Winchester, OH 43110.

M.A. Hogan says he is "still involved in technical management of projects in the silicon photovoltaic program for the Department of Energy, and in space processing of NASA." He and Dolores live at 1 Sycamore Lane, Rolling Hills Estates, CA 90274.

Word has been received that James W. Billard died November 4, 1977. He had been with The Texas Company, Union Carbide as their Vice President of Production, and president of J.W. Billard & Associates, Inc., Houston, Texas.

1949

Dale and Joni Gilliam have a new address at 3749 Red Oak Court, New Orleans, LA 70114. Dale is Division Operations Manager with Amoco Production Co.

Harold and Virginia Telthorst's daughter, Lisa, is a senior at KSU in Textile Research and will graduate next December. Harold is Treasurer for May Ransom Sheetz Contractors, Inc. in Topeka, KS.

Glen W. Sutton has a new position as Mine Safety & Health Administrator with the U.S. Department of Labor. He and Amelia reside at 2349 S. Yukon Ct., Lakewood, CO 80227.

Coy L. Breuer attended the winter meeting of the NSPE in New Orleans, January 23-27. Coy is North Central vice-chairman, Professional Engineers in Government. He lives at 2708 Garden View, Jefferson City, MO 65101.

John E. Stein has been appointed manager of operations, Tulsa Division, Ladd Petroleum Corporation. John's address is 5309 So. Irvington Ave., Tulsa, OK 74135.

1950

Edwin H. Barsachs has a new position as Manager-Engineering Res. Acq. with Sun Products Co. in Dallas. Edwin and his wife, Barbara, live at 3755 Northview Ln., Dallas, TX 75229.

Donald N. Lockett has a new position as General Manager, Commercial Products Department with Eagle Picher Industries, Inc. of Seneca, Missouri. He and LaVon live at 2024 S. Florida Ave., Joplin, MO 64801.

Stanley Dolecki has been named as a member to the 1978 M.S.P.E. Nominating Committee. His address is 9113 Hatton Drive, St. Louis, MO 63126.

Alumni Annual Fund

September 1-May 17

ALUMNI GIFTS

1978-\$93,090.99

1977-\$80,677.32

CORPORATE MATCHING GIFTS

\$12,823.49

\$ 7,248.50

Alumni Personals

1950 Cont.

Kent Roberts, UMR Professor of Civil Engineering and Assistant Dean of Engineering, participated in the winter meeting of the NSPE in New Orleans, January 23-27. Roberts is chairman of the NSPE Organization and Functions Committee.

Harvey I. Phillips has a new address at 1605 Horseshoe Ridge Rd., Chesterfield, MO 63017. He has also been appointed Chief Program Engineer with McDonnell Douglas Corporation in St. Louis.

1951

William M. Baldwin was honored by the Big Bend Chapter of the Florida Engineering Society at their Annual Engineer's Week dinner and program, for "Outstanding Service to the Engineering Profession." Bill and Beverly live at 3323 Robinhood Rd., Tallahassee, FL 32303.

Herbert and Ruth Kent have a new address at 7 Water Way, Rumson, New Jersey 07760. He is President of Elkem, Inc. in Middlesex, NJ.

Dr. Raymond M. Kline has been promoted to professor in the department of electrical engineering at Washington University in St. Louis. He and his wife, Marian, live at 14824 Ralls St., Bridgeton, MO 63044.

William W. Tsai writes that he has joined Envirotech in San Mateo, California as vice president, Asia Pacific Region, for marketing equipment for pollution control and resources recovery. He and his wife, Irene, live at 14317 Miranda Way, Los Altos, CA 94022.

1952

H. Chalmers Kerr, Jr., has a new position as Operations Research Analyst with the Naval Ocean Systems Center. He lives at 2909 First Ave., Apt. 3A, San Diego, CA 92103.

1953

Reunion at Homecoming

Class Coordinators:

Thor Gjølsteen
3065 S. Ingalls Way
Denver, CO 80227

Peter G. Hansen
UMR

107 Old. Met. Bldg.
Rolla, MO 65401

Milan Lipensky
1750 Fieldcrest Dr.
Lebanon, PA 17042

Dale W. Heineck has a new position as Vice-President of Manufacturing with the O.K.C. Corporation in Dallas. He and Toni live at 4854 Valley Crest Dr., St. Louis, MO 63128.

Fred Scharf has accepted the position of President with Fenix & Scisson, Inc. He and Mary Lou reside at 5313 E. 20th St., Tulsa, OK 74112.

1954

Jack B. Dowell and his wife, Rosina, reside at 5117 Haring Ct., Metairie, LA 70002. Jack is vice president of the John H. Carter Co., Inc., Box 7130, Metairie, LA 70010.

1955

Col. Robert G. Bening has been named Tulsa District Army Engineer effective July 31, 1978. He lives at 8713 Bluedale St., Alexandria, VA 22308.

Marlin and Joyce Krieg have a new residence at 1204 First Ave., Evansville, Indiana 47710. Marlin is president of Oil Field Research in Evansville.

1957

Edgar F. Fiedler has been named Chief Project Engineer with Daley, Inc. He and wife, Cindy, have a new address at 7919 Conehill Circle, Rockford, IL 61107.

H.E. Kennedy and his wife, Ann, have a new address at 870 Judson Manor, St. Louis, MO 63141. He also has a new position with Pfizer Genetics as Manager, Engineering Services.

Elmer Slates writes that he is a Systems Acquisition Coordinator with the Naval Weapons Center, "wherein I have been employed since graduation in the thankless job of providing weapons to make damn sure we don't lose the next one 'if' it happens." Elmer, his wife, Jenny (from Rolla) and their three children reside at Rt. No. 1, Box 3784, Ridgecrest, CA 93555.

James F. Stuesse died April 8 in Cleveland, Ohio. Upon graduation, he joined the B.F. Goodrich Co. as an associate engineer in latex process development. In 1962, he was appointed Product Engineer, Hycar Rubber and Latex Marketing in the Cleveland office, and in 1964 became Senior Sales Representative in New York. He returned to Cleveland in 1971 as Technical Service Manager, Latex, the position he held until his death. He is survived by his wife, Sherry, and two children, David and Angela Stuesse.

1958

Reunion at Homecoming Class Coordinators:

Billy B. West
613 S. Gibson St.
Gibonsbury, OH 43431

Thomas J. O'Keefe
923 Highland
Sharon, PA 16146

Paul R. Munger
UMR
302 Engr. Res. Lab
Rolla, MO 65401

Delbert E. Day
UMR
112 Mat. Res. Ctr.
Rolla, MO 65401

George D. Tomazi
12723 Stoneridge Dr
Florissant, MO 63033

Richard H. Okenfuss
9132 Millcliff Dr.
Cincinnati, OH 45231

Robert R. Beck has assumed duties as Manager of Purchasing, International, for Kaiser Cement & Gypsum Corporation in Oakland, California. He and his wife, Audrey, live at 408 Everett Drive, Danville, CA 94526.

Paul W. Taylor, Lt. Col., U.S. Army, will complete a tour with the Office of Deputy Chief of Staff for Operations & Plans at the Department of the Army, in June, and attend the National War College in Annapolis, 1978-79. If all went well, Paul ran his first Boston Marathon on April 17, 1978. Paul and Liz live at 1 King Court, Annapolis, MD 21401.

Alumni Personals

1958 Cont.

Eldon W. Head has accepted a position as Chief, Navajos Engineering Section with the Federal Aviation Administration. He and his wife, Mary, live at 314 N. Elmhurst Ave., Mt. Prospect, IL 60056.

Kerry Withrow wrote Edwin (Toots) Schuman '20, saying, "I have started a little company since our last letter. Sigma Energy Corp. is a little oil & gas company in Dallas with K.R. Withrow-President. We do have 2 oil wells that we drilled with the 2 dry holes during 1977. I hope that 1978 will even be better. Our next well is a 11,000 ft. test for gas in Sherman, Texas along the Red River." Kerry lives at 7708 La Bolsa, Dallas, TX 75240.

John O. Buchanan has completed his second year as engineer in charge of construction of a multi-million dollar chlor/alkali plant in Canada for Dow Chemical Co. He is a registered engineer in Canada and was the Dow Chemical Co. representative at the annual convention of Canadian Engineers and Architects held at Jasper Park in Alberta. His target date for completion of his present project is October 1979. John and Helen live at 585 Cottonwood Ave., Sherwood Park, Alberta, Canada T8A 1Y5.

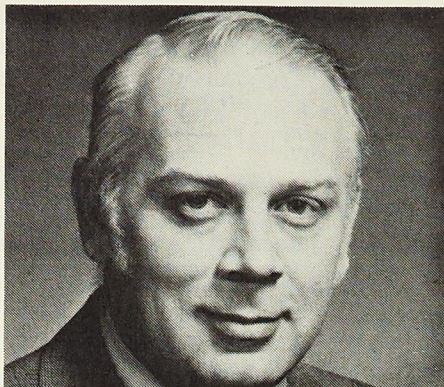
1959

Sidney J. Green is president of Terra Tek, "a high technology firm," Sidney writes, "located in the University of Utah's Research Park in Salt Lake City, who have announced that their wholly owned subsidiary has acquired half interest and is actively involved in the operation of Native Plants, Inc., and is engaged in the growing and sale of native plants for high-altitude and semi-arid lands. Native Plants, Inc., is the leading company for such natural species in the western United States. Research activities for the Terra Tek venture include tissue culture studies and research on the Jojoba oil producing desert plant." Sidney and Marion give their address as 420 Wakara Way, Salt Lake City, UT 89108.

Joseph F. Reichert has been made Superintendent of Streets with the Public Works Department of Kansas City. He and his wife, Mary, live at 7312 Charlotte, Kansas City, MO 64131.

1960

David E. Price has been appointed Manager, Process Research, with Columbia Gas System Service Corporation. Dave and Arlene live at 9715 Plain City—Georgeville Rd., Plain City, OH 43064.



GEORGE G. STAPLES

George G. Staples has been named product manager, Hi-Sil 200 and Silene D silica pigments, for PPG Industries Chemical Division—U.S., Pittsburgh, PA. He and his wife, Nancy, and their two children live at 9801 Woodland Rd., Pittsburgh, PA 15237.

As of Dec. 1, 1978, David C. McNeely, his wife, Nadine and their five children, became residents of Ulysses, Kansas, where Dave is assistant general superintendent for Mesa Petroleum in their gas production field. The McNeely's live at 1001 Comanche, Ulysses, KA 67880.

1961

Gene and Sharon Glaser have a new address at 1010 W. Riverview Dr., Anderson, IN 46011. Gene is Plant Manager with Delco Remy Division of General Motors in Anderson.

Henry N. Peterson and his wife, Margaret Ann, have a new location at 2920 Newport Circle, Plano, TX 75025. Henry is an Engineer with Texas Instruments, Inc.

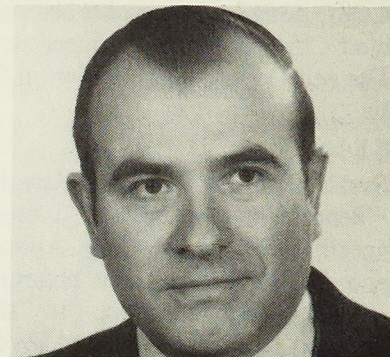
Harvey Denning has a new address at P.O. Box 906, Rolla, MO 65401. Harvey is a Research Chemist with the U.S. Bureau of Mines in Rolla.

We are pleased that David F. Maune has written: "Thanks so much for the additional copy of the Alumnus. It's being put to good use." Dave and Mary Ellen live at 515 Janney's Lane, Alexandria, VA 22302.

1962

Anheuser-Busch has announced the promotion of Michael B. Wheeler to Project Engineer, Can Manufacturing, 721 Pestalozzi, St. Louis, MO 63118.

Craig A. Valentine is now Senior Civil Engineer, 21 Composite Wing/Civil Engineering Squadron, Elmendorf AFB, Alaska. Craig and Caroline live at 3838 Westminister Way, Anchorage, AK 99504.



ROBERT F. BOSCHERT

Robert F. Boschert has been promoted to senior project engineer for steelmaking and services for Armco Steel Corporation. Robert and his wife, Dee Ann, live at 536 Sands Ave., Monroe, OH 45050.

Milton L. Leet has a new address at 969 E. Main St., New Holland, PA 17557.

1963

Reunion at Homecoming

Class Coordinators:

Allan H. LaPlante

31 Lake Dr.

Needham, MA 02192

George R. Schillinger
7598 John Ave.

Oakville, MO 63129

Robert H. Sieckhaus
10700 Clearwater Dr.
St. Louis, MO 63123

Eugene Sehl has been appointed to Southwestern Regional Sales Manager with Olin Brass. He and Joan live at 12471 Cross Green, Creve Coeur, MO 63141.

Kenneth Poush now lives at 460 Highway 332, Apt. 136, Lake Jackson, TX 77566. Ken is a Senior Research Engineer with Dow Chemical Co.

David L. Schwaller has a new position as Energy Engineer with the State of Missouri. He and Janet live at 602 Hut-ton Lane, Apt. 1, Jefferson City, MO 65101.

Alumni Personals

1964

Michael F. Simmons and his wife, Donna, have a new residence at 3240 Round Hill Rd., York, PA 17402. Michael has been appointed Plant Metallurgist with the Caterpillar Tractor Co.

Gary R. Holland has been promoted to Vice President and General Manager of the Toro Company. He and his wife, Gretchen, had their first child, Heidi Suzanne, in January. They live at 6312 Indian Hills Road, Edina, MN 55435.

Don Reuling has been appointed Director of Engineering & Estimating for the Murphy Co. in St. Louis, Mo. Don and his wife, Linda, live at 46 Raintree Ct., Fenton, MO 63026.

R.G. Greeley has been appointed Manager of Foundries with Katy Industries, LaBour Pump Co. He and Carol live at 57363 Osage Drive, Goslin, IN 46526.

Larry L. Parkinson has a new position as House Superintendent with the Jersey Minere Zinc Company, and his new home address is, 2127 Post Road, Clarksville, TN 37040.

1965

James K. Boaz is working as a Project Engineer in construction for Aramco, Dhahron, Saudi Arabia. James and Louise give their address as Box 5507 in care of Aramco.

R.L. Shah is Senior Industrial Engineer with Bendix Autolite Corporation in Fostoria, Ohio. He and his wife, Vinod-bala, have a son, Manish, 7, and a girl, Monika, 3, and live at 2364 Courtly Dr., Fostoria, OH 44830.

Denzil D. David, Jr., says: "I have started a new (additional) Co. called the Energy Sentinel Corp. We manufacture & lease an energy saving device I invented, to commercial users." Denzil and his wife, Mardon Kay, live at 913 Marshall Cr., Virginia Beach, VA 23454.

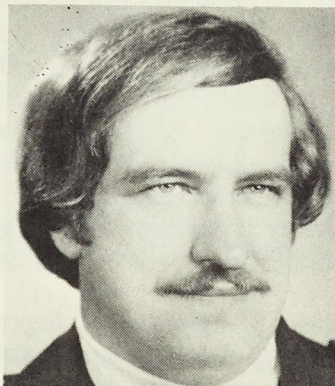
Stephen K. Lee has been named Manager of Drilling & Production with the Suburban Propane Gas Corp. in San Antonio, Texas. He and his wife, Sally Ann, live at 2614 Whisper Leaves, San Antonio, TX 78230.

Wen-Li Wang has been appointed Staff Engineer with Brown & Root, Inc. in Houston, Texas. He and his wife, Su, live at 7607 Claridge, Houston, TX 77071.

Michael and Alpha Smith write: "We had our third child on 3/6/78. She's a girl named Stephanie. Older children are Linda, age 10, and Michelle, age 8." The Smith family lives at 5926 N. Sherwood, Peoria, IL 61614.

Joe A. Hohman and Joanna give their address at 1777 Second Green, Memphis, TN 38116. Joe is Project Manager with Allen & O'Hara, Inc. in Memphis.

Larry Rankin has recently been elected as a officer of a newly formed subsidiary of Betz Laboratories, Inc., as Assistant Vice President, Betz Process Chemicals, Inc., The Woodlands, Texas 77380. He and his wife, Rebecca, have a new address at 10 Wishbone Bush Rd., The Woodlands, TX 77380.



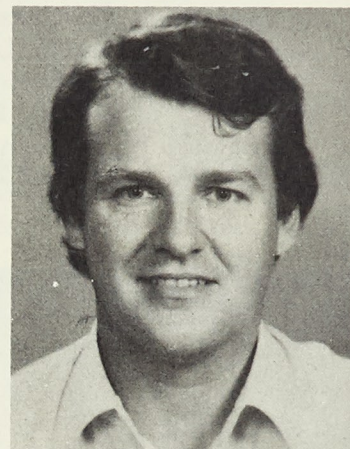
ROBERT W. SUNDERMEYER

Robert W. Sundermeyer has been named Area Supervisor-South Area, Light Oil Department, with Gulf Oil Company-U.S. Robert joined Gulf in 1965 as a Long Range Planner. He and his wife, Freida, live at 2931 39th Street, Port Arthur, TX 77640.

Don Ellison informs us: "After 3 years with Skelly Oil Company and ten with family of L.A. Nordan private operation, the Nordan Trust, I have launched my own consulting business—Ellison Engineering, specializing in economic evaluation of oil and gas prospects. Wife, Bonnie, formerly with Mines Public Information Office, is a public school administrator; sons—Jim, 11, Kyle, 8. My best regards to Professor Govier, Bonnie's best to Winona & Prof. Roberts." Don's address is 319 Inspiration Dr., San Antonio, TX 78228.

James C. Cowles, Jr., is now Operations Manager for Garan-Lambert Mills in Lambert, Mississippi. He and his wife, Mary, live at 204 Pinebrook, Starkville, MS 39759.

1966



JAMES SCHLOSSER

James Schlosser returned to Singapore in April 1977 with his wife, Kathy, and 2 year old son, Neal, after a one year stay in California to set up Printed Circuit International's headquarters. He was appointed Managing Director of PCI's Singapore operation in May 1977. He and his family maintain a California address at 638 Matsonia Drive, Foster City, CA 94404. The business address is 23 Lok Yang Way, Jubong, Singapore 22.

James Fox has been promoted to Superintendent BOF Department with Armco Steel Corp. He and Betty live at 10 Trails End Dr., Monroe, OH 45050.

James D. Steele was recently named "Young Engineer of the Year," by the Western Chapter, MSPE. Jim works on the project development staff for Burns & McDonnell Engineering Company in Kansas City. His address is 600A Westvale Cir., Lees Summit, MO 64063.

Philip Jozwiak has a new position with Tarlton Construction Co. He and his wife, Barbara, live at 11928 Glenridge, Maryland Hgts., MO 63043.

Dr. James E. Beavers was presented with the NSPE Young Engineer of the Year Award during the Society's meeting in New Orleans, January 25-28. His address is Rt. 2, Beaver Ridge Rd., Knoxville, TN 37921.

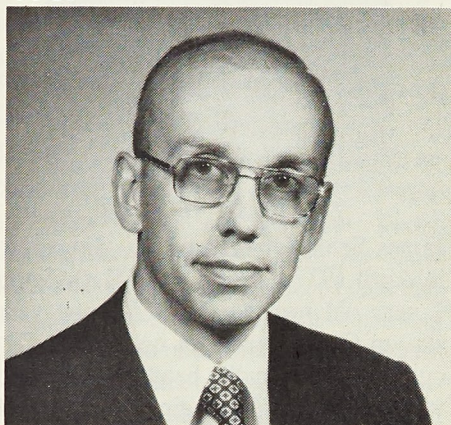
Alumni Personals

1966 Cont.

Richard Woodfield has been made Vice President Marketing of the Yarway Corporation, Blue Bell, PA. Richard and Karen live at R.D. 4 Ash Road, Doylestown, PA 18901.

Roy and Pam Brunson announce the birth of a daughter, Sherilyn Leigh, Nov. 21, 1977. Jennifer is now four. Roy has accepted a job with Kraft Foods near Chicago. The Brunsons new address is P.O. Box 54, Northfield, IL 60093.

1967



ERVIN H. BAUMEYER

Ervin H. Baumeayer, of Kenneth Balk and Associates, Inc., St. Louis, has been elected to the firm's Board of Directors. It was also announced that Baumeayer has been named Vice President. He and his wife, Judith, live at 5140 Towne Central Dr., St. Louis, MO 63128.

Kevin F. Oliver has been appointed Principal Engineer with the Sundstrand Corp. in Rockford, Illinois. He and his wife, Virginia, reside at 3144 Cavendish Drive, Rockford, IL 61109.

David A. Nelson and his wife, Janet, have a new residence at 6970 Singingwood Lane, St. Louis, MO 63129. David is Application Engineering Specialist with Gould Inc., Electric Motor Division.

Paul L. Inman and his wife, Joyce, have moved to Route 2, Box 178D, Festus, MO 63028. They write: "Joyce received MBA degree from Washington Univ. last spring. She passed CPA exam in Nov. Now works for Arthur Anderson & Co. in St. Louis as a tax accountant. We moved into new house last fall. Have 2 children: Paul, Jr., 10 yrs. & Jill, 6 yrs."

James E. Ledbetter was presented with the 1978 Young Engineer of the Year of Southwest Chapter during the NSPE winter meeting, held in New Orleans, in January. James is an engineer with Allegeier, Martin and Associates of Joplin, Missouri, and lives at Siloam Springs Rt., West Plains, MO 65775.

Bruce Whitcomb has been made a Research Assistant as a graduate student at the Desert Research Institute, Stead Facility, University of Nevada, Reno, 89507.

1968

Reunion at Homecoming Class Coordinators:

Rodger L. Elliot
2212 Hill Dr.

Bartlesville, OK 74003

Dixie L.B. Finley
Rt. 3, Box 52
Rolla, MO 65401

Joseph J. Long writes: "I was transferred to St. Louis on 12/1/78 as a District Staff Supervisor for Southwestern Bell Telephone Co. My wife and I had our third boy on Nov. 12, 1977, Matthew Richard." Joseph and Elizabeth live at 5644 Greenton Way, St. Louis, MO 63128.

Rodney B. Hawkins is Supervising Chemist with Inland Steel, located in East Chicago, Indiana. He and his wife, Pat, live at 712 Cherry, Hammond, IN 46324.

William J. Green has a new job with Sverdrup & Parcel as Engineer. He and Barbara have taken a new residence at 336 Novara, Ballwin, MO 63011.

Richard and Kathryn Astrack have a new address at 9025 Crest Oak Lane, Crestwood, MO 63126.

James L. Miltenberger has been made Design Engineer with National Steel Products Co. James lives at 14715 Barryknoll No. 145, Houston, TX 77079.

William J. Green and Belinda Taskel were married January 14, 1978. Their new address is 336 Novara, Ballwin, MO 63011. Bill is working for Sverdrup & Parcel and Assoc. in St. Louis.

Roy Micheal Armstrong has been appointed Senior Foundation Engineer with Raymond International, Inc., in Houston, Texas. He also has a new address at 6360 Skyline, No. 35, Houston, TX 77057.

Les Bennington's son just turned 2. He reports that they were in Rome, Italy, for one week in late April. Les has been appointed Assistant General Agent with the American National Insurance Co. He and his wife, Susan, live at 6 Shannon Dr., P.O. Box 1171, Glenrock, WY 82637.

Stephen R. Strauss writes us that in Oct. 1977 he received his Washington state professional engineer's license, having passed the branch exam in Nov. 1976. "In November 1977 I was transferred to the submarine section of the second auxiliary machinery branch with a promotion to GS-11." Stephen works as a Mechanical Engineer with the Puget Sound Naval Shipyard. His address is 2417 Anderson, Port Orchard, WA 98366.

1969

John Roger Long was promoted to General Foreman-Maintenance Department with Central Foundry Division in Danville, Illinois. John and Phyllis live at 44 Shorewood, Danville, IL 61832.

J. S. Eason has been appointed Assistant to the Vice-President-Engineering with Anheuser-Busch, Inc. He and his wife Barbara live at 600 Cherry St., Suisun, CA 94585.

Ted Spalding was recently transferred to Tulsa and promoted to Area Engineer for Atlantic Richfield Co. He is directing the petroleum engineering activities for SW Oklahoma. He and his wife, Rita, and daughter, Heather, now live at 2710 Crestview Dr., Claremore, OK 74017.

Glen G. Adrian has been appointed plant superintendent-Olivette for the Carter Carburetor Division of ACF Industries, Inc. Glen lives at 3515 Parc Chateau, Florissant, MO 63033.

Alumni Personals

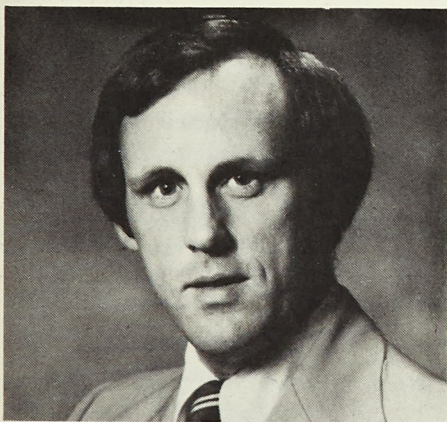
1970

Gerry A. Davit received his Master's degree this May from George Washington University, Wash. D.C. Penny, his wife, writes: "It's been a long haul since Jan. 1975 going to night school, but he's managed to maintain a perfect 4.00 average thru-out." In the meantime, Gerry is employed as Manager, Geotechnical Investigations in Bethesda, MD. The Davits live at 19012 Hempstone Court, Poolesville, MD 20837.

Bor-Ing Hwang is working on a part-time basis as a real estate agent in Houston, Texas. He would be interested in hearing from any alumni in the area. His address is 13335 Trompilla, Houston, TX 77083.

John A. Feurer and Annamay have a new residence at 1905 Lindenwood Circle, Olathe, KS 66061. John is a Field Service Engineer with Westinghouse Electric Corporation in Kansas City.

Mark and Phyllis Kaplan became the parents of their second son, David Robert, on Jan. 16, 1978. Mark, a registered engineer in several states, is an Electrical Project Engineer with the Hospital Building and Equipment Corporation. The Kaplans reside at 1149 Orchard Lakes Drive, Creve Coeur, MO 63141.



ROBERT J. BARLOW

Robert J. Barlow has been selected by Monsanto Company as a Master Salesman for 1977. He is among 47 men who received the Master Salesman award, the highest form of recognition that Monsanto has for its Worldwide sales personnel. Robert and his wife, Bette, live at 15990 Deer Trail Ct., Chesterfield, MO 63017.

James M. Kuenz and his wife Sharon have a new address at 348 Hartwell Court, in Chesterfield, Missouri 63017. James is Market Manager with Monsanto Co. in St. Louis.

James H-H Chaing has joined National Semiconductor as a Senior Process Engineer, since October 1977. His new address is 811 Fiji Drive, San Jose, CA 95127.

Daniel G. Carl and his wife, Pamela, reside at 22 War Trophy Lane, Media, PA 19063. He is an Adv. Engineer with Westinghouse Electric Corp. in Philadelphia.

J. Daryl Breeden and his wife, Barri, have a new address at 225 Brailsford, Summerville, SC 29483. Daryl has recently been appointed General Foreman with ATO Construction Equipment Division.



DAVID E. DANIELS

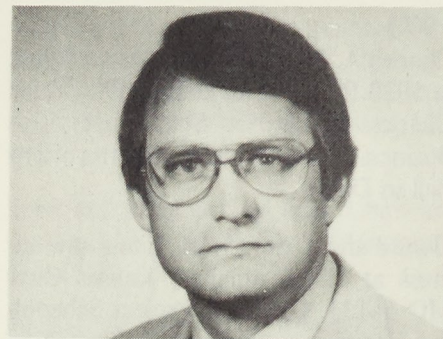
David E. Daniels has been named as an Associate in the consulting engineering firm, Hanson Engineers Incorporated. He and his wife, Mary Ellen, reside at 3201 Piper Road, Springfield, IL 62107, with their three children.

William J. Green was married to Belinda Taskel in January, 1978. Bill is now employed with Sverdrup and Parcel in St. Louis. The couple's new address is 336 Novara, Manchester, MO 63011.

Beverly D. Smith is a Civil Engineer. She and her husband, Brian, live at 6417 Fenestra Court, Burke, VA 22015.

J. Fred Archer and his wife, Daisy, have a new residence at 3716 Laura Court Drive, St. Louis, MO 63051.

William F. Kuhar, Jr., and wife, Kathy, have a new address at 4602 Ramble Road, McHenry, IL 60050. William has also been appointed Group Vice President & Marketing Manager for RAE Corporation.



WILLIAM G. ALLEN

William G. Allen has been appointed Manager of Marketing for the Enzyme Products Division of Miles Laboratory, Inc. William and his family reside at 23096 Gardena Place, Elkhart, IN 45614.

Richard A. Bausell recently moved from Copperhill, Tennessee to Tulsa, Oklahoma. He is now working in the Research and Technology Group as Corporate Staff Engineer with Cities Service Co. Richard and Elaine live at 3965 Lakeside Dr., Sapulpa, OK 74066.

James R. Pierce has accepted a position with Granite City Steel as Project Engineer. He is working on the one spot enclosed coke pushing emissions control system which was developed at National's Granite City Steel Division. He and his wife Barbara, and daughter Erika, live at 3395 Rockingham Dr., Florissant, MO 63033.

David and Judith Swinny have an interesting new location in Tehran, Iran. David is a Senior Project Engineer with the B.F. Goodrich Chemical Co. (Is that the one with the blimp?) 6100 Oak Tree Blvd., Cleveland, OH 44131.

John and Ann Corwine have a new address at W. 1309 Elmwood Ct., Spokane, WA 99218. John is Director at the Spokane Mining Research Center, Bureau of Mines, in Spokane.

John and Carol Schwager have taken up a new residence at Route 2, Brier Lake, Box 111, LaCombe, LA 70445. John is Senior Production Engineer with Shell Oil Co. in New Orleans.

Brian W. Smith and his wife, Beverly, have a new location at 6417 Fenestra Court, Burke, VA 22015. Brian is a Civil Engineer with the U.S. Army Engineer District in Sacramento, CA.

Alumni Personals

1971

Charles A. White III has a new address at 5020 Rexton La., Dallas, TX 75214. Charles is District Staff Supervisor-Business Services with Southwestern Bell in Dallas.

Gerard and Aurora Hart have a new address at 10416 Smalley, Kansas City, MO 64134. Gerard is Project Scheduling Engineer with Black & Veatch in Overland Park, Kansas.

David W. Bondurant and his wife Judy have moved to a new home at 4508 W. 90th St., Bloomington, Minnesota 55437 in August 1976. Currently, he is employed as Computer Design Engineer with Signal Processor Development group of Sperry Univac.

William H. Bartley has accepted the position of Assistant Manager, Quality Assurance Services, with Hartford Steam Boiler Inspection and Insurance. He and his wife, Dorothy, live at 1855 Stanley St., New Britain, CT 06053.

Henry Glotfelty gives his new address as 3530 Laclede, Apt. 1205 W, St. Louis, Mo 63103.

"My wife, Kay, and I have recently moved to our new home," writes Paul M. Bertrand, "at, 12801 W. 100 Terrace, Lenexa, Kansas 66215. We have also recently become the proud parents of Genevieve (Genna) Marie, born October 3, 1977. I am presently an associate engineer with Johnson, Brickell, Mulcahy, and Associates, transportation and planning consultants."

Bill Beck has recently joined Texas Municipal Power Agency as the Mining Engineer for the Gibbons Creek Steam Electric Station, a 400 MW Lignite-fired power plant with initial production in 1981. Bill and his wife, Lee Ann, live at their new address, 3907 Lynbrook Lane, Arlington, TX 76015.

Lawrence L. Lewis and his wife, Betsy have recently moved to 318 Gateway Rd., Rt. 1, Box 18A, Marion, Illinois 62959. Larry is employed as Senior Mining Engineer at Zeigler Coal Company's Operations Office in Johnson City, Illinois.

38/MSM Alumnus

James and Mary Hellwege have a new address at 2312 Sandford St., Alexandria, VA 22301, to go with James' new position as Patent Attorney with Burns, Doane, Swecker & Mathis.

Hal E. Carter has been made Mine Maintenance Superintendent with the East Tennessee Coal Co. He and his wife, Karen, can be reached at P.O. Box 731, Dunlap, TN 37327.

Charles W. Shanes has a new address at 54 Brown Rd., Wappinger Falls, NY 12590. Charles is an Associate Programmer with IBM in Hopewell Junction, NY.

Patrick Osseck has a new position as Assistant Manager with Orscheln Farm & Home. His address is RR No. 3, Box 1300, Washington, MO 63090.

Glenn J. Conger has recently been named to the new post of Project Manager in Owens-Illinois Solar Products Group. He and Bonnita have a new addition to the family, Amy Marie, born Jan. 6, 1978. The Conger's lives at 3319 E. Lincolnshire, Toledo, OH 43606.

1972

John H. Schamburg has joined Mississippi Lime Co. in St. Genevieve, Missouri. He and Kathy live on Star Route, Bloomsdale, MO 63627.

James Ross Benton is now employed by Cooperative Power as a Mining Engineer in Edina, Minnesota. James and Cathy have a new address at 112208 James Court, in Chaska, Minnesota 55318.

"In February Amoco promoted me to Senior Geophysicist," writes Don Rice. "My work is interpreting seismic data from the northern Michigan reef trend, and formulating drilling prospects. Sandy and I live at 4010 Drummond in Houston, TX 77025."

Earl and Linda Buhrmester now reside at 739 W. Rextur Dr., Akron, OH 44319. He is a Computer Scientist with the B.F. Goodrich Co. in Akron.

Roger K. Taylor is now working as a Construction Engineer with Alaska Constructors, Inc. His address is P.O. Box 4-3049, Anchorage, Alaska 99509.

Gary W. Vandiver has been promoted to Senior Engineer in Monsanto's Corporate Engineering Department. He will take on additional responsibility for process design of textile processes. He and his wife, Donna, and daughter, Laura, reside at 1080 Wilson, University City, MO 63130.

Robert M. Phillips and his wife, Jo, have a new address at 13755 Hamilton, Riverview, MI 48192. Their daughter, Amy, is 3, and their new son, Benjiman Adam, was born 10/29/77. Their dog, Taffy, made the move, too. Robert is now Senior Maintenance Engineer with the BASF Wyandotte Corporation in Wyandotte, MI.

Kim S. Allen writes that he was "married in May, 1977, to Marcy Ree Tinnin of Fredericktown, MO. Promoted to Senior Design Engineer at Monsanto last Oct., 1977." Kim and Marcy live at 1885 McKelvey Hill, St. Louis, MO 63043.

Stephen H. Miesner has a new location on Rt. 4, Box 319, Columbia, MO 65201. Stephen is a graduate student, research and teaching assistant at UMC in the mechanical and aerospace engineering department.

1973

Reunion at Homecoming Class Coordinators:

Wesley S. Watkins
P.O. Box 1916
Houston, TX 77001

Stephen J. Bergtholdt
1934 Redwood Rd.
Hercules, CA 94547

Robert J. Scanlon
146 Brookview Rd.
E. Peoria, IL 61611

**HOMEcoming
OCTOBER 6-7, 1978**

Alumni Personals

1973 Cont.

Dan ('73) and Delores ('75) Hinkle now write from Alaska bringing us up to date. Dan graduated from law school at Oklahoma City University in 1975 and passed his bar exams in February 1978. In March, Delores accepted a position in the Reserve Development Group of the Reservoir engineering section on Arco's North Alaska District in Anchorage. Dan has accepted a position with Richmond, Willoughby and Willard law firm also in Anchorage that does primarily products liability work so he will be making good use of his engineering B.S. Dan and Delores have purchased their first home and say that, in general, they love Alaska—just wish that it wasn't so far from friends and family. Their address is P.O. Box 10-847, Anchorage, Alaska 99511.

Brent W. Blizewski has a new address at Rt. 4, Mt. Vernon, IL 62864. Brent is an electrical engineer with General Tire in Mt. Vernon.

Robert G. Timme and Linda have moved into their new home at 3652 Rosant Ct., Florissant, MO 63034. Robert is maintenance supervisor for liaison, startup, and demonstration of new BZCIS-160 complex with the Monsanto Co.

Paula Hudson Brune and her husband, William, have a new address at 2408 Yorktown, Apt. 199, Houston, TX 77056. Paula is a Revenue Agent for the Internal Revenue Service in Houston.

Adrian and Maureen Kuzdas have a residence at 1717 Chesterfield Dr., in Carrollton, Texas 75007. Adrian is Product Engineering Manager with Mostek.

Harold E. Black, Jr., gives his new address as 4752 Candlewick Dr., Norwalk, IA 50211.

Mark B. Picknell has recently been named to ASCE Task Committee on Pipeline Design Bibliography. He lives at 5320 S. Marion, Tulsa, OK 74135.

Larry L. and Polly Ann Hendren live at 2753 Melloney Ln., Indiana, PA 15701. Larry has a new position with Barnes & Tucker Co. as an Operations Engineer.

Michael D. Moder has been appointed to Senior Project Engineer with Pontiac Motor Division-GMC. He and Cheryl Lynn live at 4881 White Lake Rd., Davisburg, Michigan 48019.

Jimmy Dale Martin has a new position as Senior Engineer with Amoco Production Co. (Tulsa Data Center) He and his wife, Joyce, have a new address at 9041 East 67th Street, Tulsa, OK 74133.

Philip R. Downs has been made Senior Production Engineer at Aluminum Co. of America in Davenport, Iowa. He and Deborah live at 2529 Hawthorne Drive, Bettendorf, Iowa 52722.

Richard B. Coombe, Jr., has been named Chief Systems Branch, USA-SARCOM, in St. Louis. He and Margaret live at 4738 Towne Centre Drive, St. Louis, MO 63128.

Major Joseph L.R. Rooks is participating in Brave Shield 17, a U.S. Readiness Command (USREDCOM) joint-forces training exercise held at Ft. Irwin, CA. Major Rooks is an E-3A navigator at Tinker AFB, OK, with the 552nd Airborne Warning and Control Wing.

1974

Blaine Stone has a new position with the USA Troop Support & Aviation Material Readiness Command, as Operations Research Analyst in St. Louis, Missouri. Blaine and Betty live at 1940 David Dr., Florissant, MO 63031.

David and Genni Mittler have a new baby, Molly Beth, born 9/27/77. They have returned to St. Louis and live at 11828 Strand Apt. 4, Florissant, MO 63033.

Hugh D. Murray and his wife, Jeane, have a new address at 5004 Bonham Ave., Odessa, TX 79762. Hugh is Senior Field Engineer with Dresser Atlas in Odessa.

Norman A. Harris, Jr., has a new position as Production Supervisor with Royal Coast Division of C. H. Stuart, Inc. He lives at 1349 Ayrault Rd., No. 30, Fairport, NY 14450.

Mark A. Gata has been appointed Project Engineer with Wm. R. Montgomery & Assoc. in St. Louis. Mark lives at 650 B. Waterford Dr., Florissant, MO 63033.

John and Patricia Ham have a new address at 210 Knollaire Drive, Metamore, IL 61548.

James and Mary Kay Brendel have a new address at 3738 Meramec, St. Louis, MO 63116. James is an Engineer with the Gunther-Nash Mining Construction Co. in St. Louis.

Alan S. Kornacki has been awarded a National Science Foundation fellowship, a three year award which has an annual value of \$3,900 plus tuition. Alan is a first-year graduate student in the Department of Geological Sciences, Harvard University, studying the origin and early evolution of the solar system, and the petrology and geochemistry of primitive meteorites. Alan lives at 24 Oxford St., Cambridge, MA 02138.

James D. Hauser and his wife, Linda have a new residence at 4618 East 54, Apt. 117, Tulsa, OK 74135.

T.G. Rehkop has been appointed Data Base Analyst with the Dow Corning Corp. He and Barbara live at 3905 N. Jefferson, Rt. 1, Midland, MI 48640.

Monica Lapp has been appointed Assistant Personnel Director with Yonker Bros., Inc. Department Stores. She lives at 3111 30th St., Apt. 5, Des Moines, Iowa 50310.

Gary N. Birk has a new address at 3600 Swenson No. 464, Las Vegas, NV 89109.

Michael J. Kessler has been named Staff Engineer with Amoco Oil Company. He and Lucinda live at 12436 Sealane Dr., Florissant, MO 63033.

Art Higgins and his wife, Pat, have a new residence at 700 Antler Dr., Mr. Zion, IL 62549. Art is an electrical engineer with the Illinois Power Co., and Pat is associate food technologist with the A.E. Staley Manufacturing Co.

Alumni Personals

1975

Bob and Cathy Wonish have a new address at 3419 Sardis Lane, Houston, TX 77088. Bob also has a new position as Production Engineer with NAPECO, Inc., in Houston.

Dennis and Susan Stuart now reside at 985 E. Chelsea, Bountiful, UT 84010. They announce the addition of a daughter, Jane Ann, to their family. Dennis works for Continental Pipe Line Co. in the Salt Lake City office as District Engineer.

Chuck Jurgens has taken a job with ITT and has transferred to Bowling Green, Kentucky. He covers Kentucky and Tennessee selling digital telephone products. He and his wife, Megan, live at 3028 Hunting Creek Road, Bowling Green, KY 42101.

Robert N. Smith has a new address at 4301 NW 18 St., Apt. 104, Lauderhill, FL 33313, and a new position as Electrical Engineer with Motorola Communications in Ft. Lauderdale.

Thomas J. Rechten has a new address at 6015 Winsome No. 4, Houston, TX 77057. Tom is an engineer with Brown & Root in Houston.

Second Lt. Don A. Nicholson is now serving at Elmendorf AFB, Alaska, with an Alaskan Command Unit. Nicholson is a weapons systems officer and was previously assigned at Homestead AFB, Florida.

**1978
HOMECOMING
OCTOBER 6-7
Reunion Years:
1928 and before,
1933, 1938, 1943,
1948, 1953, 1958,
1963, 1968, 1973**

1976

Ming-Yuh Chu and his wife, Shu-Shu Tsaz, have a new address at Golden Sands, Apt. 11, Goldendale, WA 98620. Ming-Yuh's new position as Paste Plant Supervisor is with Martin Marietta Aluminum.

Sally Schwager has been appointed Project Engineer with Exxon Co. USA in New Orleans, Louisiana. She lives at 3805 Houma C231, Metairie, LA 70002.

Lewis A. McCann has a new address at 207-D Blair Dr., Jefferson City, MO 65101, and a new position as Conservation Engineer with the Missouri Department of Conservation.

Melanie E. Naeger and her husband, Robert, live at 205 Chimney Rock, No. 513, Tyler, TX 75703. She is a Chemist with CORE Lab., Inc.

Vinay Chaskar writes from India: "I would love to receive letters from my American as well as foreign colleagues. I would be more than happy to assist alumni who may have business in India." Vinay Damodar Chaskar may be reached by writing to 356 Shukrawar Peth, Shivaji Road, Poona 2, India. A graduate in metallurgy, Vinay is now employed as a senior engineer at Bajaj Auto Ltd., India.

Paul A. Abney and his wife, Vicky, have a new address at 3542 Jubilee Trail, Dallas, TX 75229.

Edward and Gail Dabler, Jr., as of Oct. 15, 1977 are the proud parents of a son, Gregory. Edward is a Design Engineer with Lapin-Ellis-Dabler, Inc., and lives with his family at 123 Peeke, Kirkwood, MO 63122.

Gregory Ciecina and his wife, Kathy, are happy and pleased to announce the birth of their first child, Rebecca, Nov. 29, 1977. "Becky" is as cute as she can be because she takes after her mom." The family lives at 2396 Obetz Dr., Xenia, OH 45385.

Second Lieutenant Paul E. McCoy, Jr., is participating in Brave Shield 17, a U.S. Readiness Command joint-forces training exercise held at Ft. Irwin, California. Lt. McCoy is an air weapons controller at MacDill AFB, Fla., with the 729th Tactical Control Squadron.

**MAIL NEWS FOR
ALUMNI PERSONALS
TO
ALUMNI OFFICE
HARRIS HALL
UNIVERSITY OF
MISSOURI-ROLLA
ROLLA, MO. 65401
REMEMBER TO
INCLUDE YOUR NAME!**

1977

Robert M. Dippold is now Facility Supervisor with Southwestern Bell Telephone Co. in Flat River, Missouri. He has a new address at 507 E. College, Apt. 12, P.O. Box 811, Farmington, MO 63640.

Dennis Tonkel has joined Entronic Co. as an electrical engineer. He lives at 4118 Paule, St. Louis, MO 63125.

Randy Mosby has moved to 2600 Art Museum Dr., Apt. 197, Jacksonville, FL 32207. He is employed as a Structural Engineer with Sverdrup & Parcel in Jacksonville.

Rodney S. Meyers has joined Tenneco Oil Company as an engineer in the Mid-Continent Division, Oklahoma City. He and his wife, Debra Lynn, reside at 5410 Willowcliff Rd., No. 326, Oklahoma City, OK 73122.

Bob Dallas has joined Tenneco Oil Company as a geological engineer in the Off-shore Division, Lafayette, Louisiana. His address is 104 Westwood Dr., Lafayette, LA 70506.

Paul J. Fellin has been promoted to the position of assistant plant manager of Mesker Industries, Inc. He and his wife, Terry, live at 12854 Mariners Pt. Ct., St. Louis, MO 63141.

William A. Pepper has accepted a field engineering position with General Electric's Installation & Service Engineering Division. Bill lives at Clifton Park Apartments, 14L, Clifton Park, NY 12045.

Chris R. Bron has accepted a field engineering position with General Electric's Installation & Service Engineering Division in Schenectady, NY.

MSM-UMR Alumni Association Committees

ALUMNI RELATIONS CHAIRMEN:

Class Coordinators.....Bob Bay
Homecoming.....Bruce Tarantola
Awards.....Hans Schmoldt
Alumni-Student-Faculty
Conference.....Bill Flood
(Campus: Ted Planje, Chairman, Paul Munger,
Glen Haddock)

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Century Club.....Ed Werner
Sections.....Belding McCurdy
Major Employers.....George Tomazi
Recipient Research.....George Schillinger

NOMINATIONS.....Bob Klorer, Chairman
Rex Alford, Matt Coco, Walt Mulyca, Peter Hansen

DEVELOPMENT.....Jim McGrath, Chairman
Art Baebler, Bob Bay, Frank Appleyard

FINANCIAL AIDS.....Bob Wolf, Chairman
Stu Ferrell, Ray Pendergrass, L. Brant Robison, Hardy
Pottinger, Jerry Bayless, Tony Homyk, Peter Hansen,
Frank Mackaman

JACKLING FUND.....Al Buescher, Chairman
Bob Klorer, Bob Wolf, Frank Mackaman

FINANCES.....Vern Loesing, Chairman
Roy Perry, Matt Coco, John Toomey

ATHLETIC STUDIES.....Joel Loveridge, Chairman
Rod Schaefer, Jerry Berry, Harley Ladd, Jim McGrath, Jim
Stephens

ALLIANCE LIAISON.....Art Baebler, Chairman
Dick Bauer, Ray Kasten, Pete Mattei, Jim Murphy, Frank
Mackaman, Bob Bay, Jim McGrath, Joe Mooney

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Homecoming 1978-October 6-7
Reunion Years: 1928 and before, 1933, 1938, 1943, 1948, 1953,
1958, 1963, 1968, 1973

1978 ANNUAL ALUMNI FUND CONTRIBUTION

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STREET _____ ☐ NEW
CITY _____ STATE _____ ZIP _____
TITLE _____ ☐ NEW
EMPLOYMENT _____ ☐ NEW
STREET _____ ☐ NEW
CITY _____ STATE _____ ZIP _____

Annual Alumni Fund contributions are tax deductible. Checks payable to the
MSM-UMR Alumni Association, Harris Hall, UMR, Rolla, MO 65401.

☐ \$100.00 ☐ \$250.00 ☐ \$500.00 ☐

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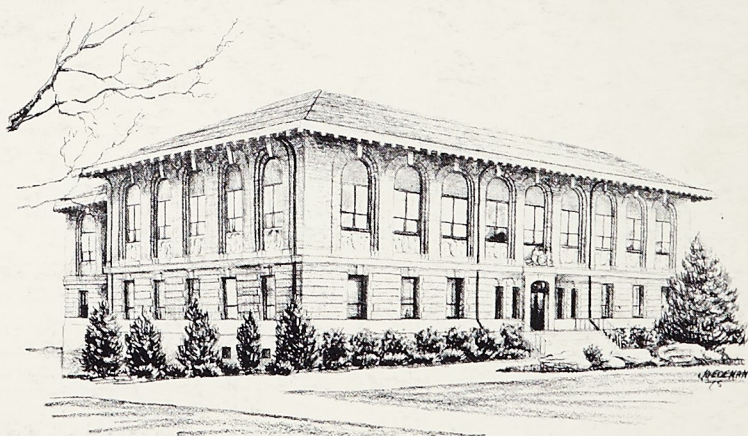
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NEWS FOR THE MSM ALUMNUS

**THE MSM-UMR
ALUMNI ASSOCIATION**

SUPPORTS:

Commencement
Alumni-Student-Faculty Conference
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Homecoming
Alumni Directory
Area Meetings
Class Reunions
MSM ALUMNUS
Special Projects
Alumni Awards
Newsletters
Grants-in-Aid
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—Parker Hall, UMR

1978 ANNUAL ALUMNI FUND